



3013 (02-09-04)

ANNUAL REPORT

OF

Name: MANITOWOC PUBLIC UTILITIES

Principal Office: 1303 S. 8TH STREET
P.O. BOX 1090
MANITOWOC, WI 54221-1090

For the Year Ended: DECEMBER 31, 1999

**WATER, ELECTRIC, OR JOINT UTILITY
TO
PUBLIC SERVICE COMMISSION OF WISCONSIN**P.O. Box 7854
Madison, WI 53707-7854
(608) 266-3766

This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

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IDENTIFICATION AND OWNERSHIP

Exact Utility Name: MANITOWOC PUBLIC UTILITIES

Utility Address: 1303 S. 8TH STREET
P.O. BOX 1090
MANITOWOC, WI 54221-1090

When was utility organized? 10/2/1911

Report any change in name:

Effective Date:

Utility Web Site:

Utility employee in charge of correspondence concerning this report:

Name: MR DAVID FRANTSEN
Title: MANAGER OF BUSINESS SERVICES

Office Address:
1303 S. 8TH ST.
P.O. BOX 1090
MANITOWOC, WI 54221-1090

Telephone: (920) 683 - 4640

Fax Number: (920) 683 - 4748

E-mail Address: dfrantsen@mpu.org

Individual or firm, if other than utility employee, preparing this report:

Name: NONE

Title:

Office Address:

Telephone:

Fax Number:

E-mail Address:

President, chairman, or head of utility commission/board or committee:

Name: NONE

Title:

Office Address:

Telephone:

Fax Number:

E-mail Address:

Are records of utility audited by individuals or firms, other than utility employee? YES

IDENTIFICATION AND OWNERSHIP

Individual or firm, if other than utility employee, auditing utility records:

Name: NONE

Title:

Office Address:

Telephone:

Fax Number:

E-mail Address:

Date of most recent audit report: 2/14/2000

Period covered by most recent audit: JANUARY 1, 1999 TO DECEMBER 31, 1999

Names and titles of utility management including manager or superintendent:

Name: MR C. TED NELSON

Title: GENERAL MANAGER

Office Address:

1303 S. 8TH ST.
P.O. BOX 1090
MANITOWOC, WI 54221-1090

Telephone: (920) 683 - 4600

Fax Number: (920) 683 - 4748

E-mail Address: tnelson@mpu.org

Name of utility commission/committee: MANITOWOC PUBLIC UTILITIES COMMISSION

Names of members of utility commission/committee:

- MR KEVIN CRAWFORD, MAYOR
- MR DAN HORNUNG, SECRETARY
- MR JAMES G. MORROW, PRESIDENT
- MR NORMAN H. REICHARD
- DR MARK SEIDL, VICE PRESIDENT
- MS DOLLY STOKES, ALDERPERSON
- MR ROBERT ZIEGELBAUER

Is sewer service rendered by the utility? NO

If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.077 of the Wisconsin Statutes? NO

Date of Ordinance:

Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)? NO

Provide the following information regarding the provider(s) of contract services:

IDENTIFICATION AND OWNERSHIP

Firm Name:

Contact Person:

Title:

Telephone:

Fax Number:

E-mail Address:

Contract/Agreement beginning-ending dates:

Provide a brief description of the nature of Contract Operations being provided:

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	36,595,254	33,056,877	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	25,813,044	22,957,063	2
Depreciation Expense (403)	3,706,679	3,198,106	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	2,215,481	2,178,570	5
Total Operating Expenses	31,735,204	28,333,739	
Net Operating Income	4,860,050	4,723,138	
Income from Utility Plant Leased to Others (412-413)	0	0	6
Utility Operating Income	4,860,050	4,723,138	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	20,333	28,386	7
Income from Nonutility Operations (417)	(136,401)	0	8
Nonoperating Rental Income (418)	(5,448)	0	9
Interest and Dividend Income (419)	844,902	1,342,327	10
Miscellaneous Nonoperating Income (421)	1	0	11
Total Other Income	723,387	1,370,713	
Total Income	5,583,437	6,093,851	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	5,416	29,464	13
Total Miscellaneous Income Deductions	5,416	29,464	
Income Before Interest Charges	5,578,021	6,064,387	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	1,661,645	1,754,896	14
Amortization of Debt Discount and Expense (428)	124,853	123,524	15
Amortization of Premium on Debt--Cr. (429)			16
Interest on Debt to Municipality (430)	0	0	17
Other Interest Expense (431)	20,802	7,946	18
Interest Charged to Construction--Cr. (432)			19
Total Interest Charges	1,807,300	1,886,366	
Net Income	3,770,721	4,178,021	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	55,854,130	51,676,109	20
Balance Transferred from Income (433)	3,770,721	4,178,021	21
Miscellaneous Credits to Surplus (434)	4,799	0	22
Miscellaneous Debits to Surplus--Debit (435)	0	0	23
Appropriations of Surplus--Debit (436)	0	0	24
Appropriations of Income to Municipal Funds--Debit (439)	0	0	25
Total Unappropriated Earned Surplus End of Year (216)	59,629,650	55,854,130	

INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
 2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Amount (b)	
Revenues from Utility Plant Leased to Others (412):		
NONE		1
Total (Acct. 412):	0	
Expenses of Utility Plant Leased to Others (413):		
NONE		2
Total (Acct. 413):	0	
Income from Nonutility Operations (417):		
SEWER USER FEES REVENUE	315,149	3
SEWER USER FEES EXPENSES	(315,149)	4
WATER UTILITY	(1,230)	5
ELECTRIC UTILITY	(135,171)	6
Total (Acct. 417):	(136,401)	
Nonoperating Rental Income (418):		
ELECTRIC UTILITY-CUSTER ST HOME	(5,448)	7
Total (Acct. 418):	(5,448)	
Interest and Dividend Income (419):		
WATER UTILITY	210,560	8
ELECTRIC UTILITY	634,342	9
Total (Acct. 419):	844,902	
Miscellaneous Nonoperating Income (421):		
WATER UTILITY	1	10
Total (Acct. 421):	1	
Miscellaneous Amortization (425):		
NONE		11
Total (Acct. 425):	0	
Other Income Deductions (426):		
WATER UTILITY	518	12
ELECTRIC UTILITY	4,898	13
Total (Acct. 426):	5,416	
Miscellaneous Credits to Surplus (434):		
ELECTRIC UTILITY	4,799	14
Total (Acct. 434):	4,799	
Miscellaneous Debits to Surplus (435):		
NONE		15
Total (Acct. 435)--Debit:	0	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215		16
Total (Acct. 436)--Debit:	0	

INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
 2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Amount (b)
Appropriations of Income to Municipal Funds (439):	
NONE	17
Total (Acct. 439)--Debit:	0

INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)	26,576	62,061			88,637	1
Costs and Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold					0	2
Payroll	4,748	32,734			37,482	3
Materials	16,378	14,444			30,822	4
Taxes					0	5
Other (list by major classes):						
NONE					0	6
Total costs and expenses	21,126	47,178	0	0	68,304	
Net income (or loss)	5,450	14,883	0	0	20,333	

REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)		
Total operating revenues	4,311,649	32,283,605	0	0	36,595,254	1	
Less: interdepartmental sales	117,914	333,892	0	0	451,806	2	
Less: interdepartmental rents	960	23,700		0	24,660	3	
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				0	4	
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained		5,524			5,524	5	
Other Increases or (Decreases) to Operating Revenues - Specify:							
NONE						0	6
Revenues subject to Wisconsin Remainder Assessment	4,192,775	31,920,489	0	0	36,113,264		

DISTRIBUTION OF TOTAL PAYROLL

1. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
2. The amount for clearing accounts in column (c) is entered as a negative for account "Clearing Accounts" and the distributions to accounts on all other lines in column (c) will be positive with the total of column (c) being zero.
3. Provide additional information in the schedule footnotes when necessary.

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses	544,162	179,725	723,887	1
Electric operating expenses	2,689,214	739,332	3,428,546	2
Gas operating expenses	0	0	0	3
Heating operating expenses	0	0	0	4
Sewer operating expenses	0	0	0	5
Merchandising and jobbing	21,551	3,663	25,214	6
Other nonutility expenses	83,973	917	84,890	7
Water utility plant accounts	33,743	369	34,112	8
Electric utility plant accounts	298,434	3,260	301,694	9
Gas utility plant accounts	0	0	0	10
Heating utility plant accounts	0	0	0	11
Sewer utility plant accounts	0	0	0	12
Accum. prov. for depreciation of water plant	11,924	130	12,054	13
Accum. prov. for depreciation of electric plant	39,084	427	39,511	14
Accum. prov. for depreciation of gas plant	0	0	0	15
Accum. prov. for depreciation of heating plant	0	0	0	16
Accum. prov. for depreciation of sewer plant	0	0	0	17
Clearing accounts	927,893	(927,893)	0	18
All other accounts	6,396	70	6,466	19
Total Payroll	4,656,374	0	4,656,374	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (101-107)	119,974,199	112,690,761	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	39,331,038	37,998,559	2
Net Utility Plant	80,643,161	74,692,202	
Utility Plant Acquisition Adjustments (117-118)			3
Other Utility Plant Adjustments (119)			4
Total Net Utility Plant	80,643,161	74,692,202	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	552,058	552,058	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	7,129	6,457	6
Net Nonutility Property	544,929	545,601	
Investment in Municipality (123)	0	0	7
Other Investments (124)	0	0	8
Special Funds (125-128)	6,420,582	8,320,807	9
Total Other Property and Investments	6,965,511	8,866,408	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	(126,984)	(1,737,633)	10
Special Deposits (132-134)	0	0	11
Working Funds (135)	550	770	12
Temporary Cash Investments (136)	7,812,963	11,434,137	13
Notes Receivable (141)	0	0	14
Customer Accounts Receivable (142)	1,986,608	1,729,560	15
Other Accounts Receivable (143)	718,184	718,272	16
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	17
Receivables from Municipality (145)	21,983	11,896	18
Materials and Supplies (151-163)	3,198,380	2,773,808	19
Prepayments (165)	80,239	39,118	20
Interest and Dividends Receivable (171)	159,958	204,293	21
Accrued Utility Revenues (173)		0	22
Miscellaneous Current and Accrued Assets (174)		0	23
Total Current and Accrued Assets	13,851,881	15,174,221	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	935,206	1,060,060	24
Other Deferred Debits (182-186)	299,713	152,030	25
Total Deferred Debits	1,234,919	1,212,090	
Total Assets and Other Debits	102,695,472	99,944,921	

BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	0	0	26
Appropriated Earned Surplus (215)			27
Unappropriated Earned Surplus (216)	59,629,650	55,854,130	28
Total Proprietary Capital	59,629,650	55,854,130	
LONG-TERM DEBT			
Bonds (221-222)	27,030,000	29,390,000	29
Advances from Municipality (223)	0	0	30
Other Long-Term Debt (224)	37,000	55,500	31
Total Long-Term Debt	27,067,000	29,445,500	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	2,378,500	2,253,500	32
Accounts Payable (232)	2,732,657	1,802,223	33
Payables to Municipality (233)	213,838	192,816	34
Customer Deposits (235)	33,156	43,097	35
Taxes Accrued (236)	1,855,977	1,855,977	36
Interest Accrued (237)	510,113	555,323	37
Matured Long-Term Debt (239)			38
Matured Interest (240)			39
Tax Collections Payable (241)	80,441	73,840	40
Miscellaneous Current and Accrued Liabilities (242)	145,276	227,146	41
Total Current and Accrued Liabilities	7,949,958	7,003,922	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0	0	42
Customer Advances for Construction (252)			43
Other Deferred Credits (253)	200	0	44
Total Deferred Credits	200	0	
OPERATING RESERVES			
Property Insurance Reserve (261)			45
Injuries and Damages Reserve (262)			46
Pensions and Benefits Reserve (263)	1,591,098	1,438,577	47
Miscellaneous Operating Reserves (265)			48
Total Operating Reserves	1,591,098	1,438,577	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	6,457,566	6,202,792	49
Total Liabilities and Other Credits	102,695,472	99,944,921	

NET UTILITY PLANT

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Sewer (c)	Gas (d)	Electric (e)	
Plant Accounts:					
Utility Plant in Service (101)	30,345,525	0	0	86,082,001	1
Utility Plant Purchased or Sold (102)					2
Utility Plant in Process of Reclassification (103)					3
Utility Plant Leased to Others (104)					4
Property Held for Future Use (105)					5
Completed Construction not Classified (106)					6
Construction Work in Progress (107)	621,339			2,925,334	7
Total Utility Plant	30,966,864	0	0	89,007,335	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (111)	6,382,594	0	0	32,948,444	8
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					9
Accumulated Provision for Depreciation of Property Held for Future Use (113)					10
Accumulated Provision for Amortization of Utility Plant in Service (114)					11
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					12
Accumulated Provision for Amortization of Property Held for Future Use (116)					13
Total Accumulated Provision	6,382,594	0	0	32,948,444	
Net Utility Plant	24,584,270	0	0	56,058,891	

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT (ACCT. 111)

Depreciation Accruals (Credits) during the year:

1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.
If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	Electric (c)	(d)	(e)	Total (f)	
Balance first of year	6,060,376	31,938,183			37,998,559	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	603,025	3,103,654			3,706,679	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	26,631				26,631	6
Accruals charged other						7
accounts (specify):						8
Amounts Charged to Clearing Accou	14,920	85,050			99,970	9
Salvage	11,437	30,327			41,764	10
Other credits (specify):						11
					0	12
Total credits	656,013	3,219,031	0	0	3,875,044	13
Debits during year						14
Book cost of plant retired	331,552	2,145,689			2,477,241	15
Cost of removal	2,243	63,081			65,324	16
Other debits (specify):						17
					0	18
Total debits	333,795	2,208,770	0	0	2,542,565	19
Balance End of Year	6,382,594	32,948,444	0	0	39,331,038	20
						21
						22

NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

1. Report separately each item of property with a book cost of \$5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
Other (specify):					
Electric Fund-Land	523,809			523,809	2
Electric Fund-Car Ferry Building	28,249			28,249	3
Total Nonutility Property (121)	552,058	0	0	552,058	
Less accum. prov. depr. & amort. (122)	6,457	672		7,129	4
 Net Nonutility Property	 545,601	 (672)	 0	 544,929	

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)

Particulars (a)	Amount (b)
Balance first of year	0 1
Additions:	
Provision for uncollectibles during year	2
Collection of accounts previously written off: Utility Customers	3
Collection of accounts previously written off: Others	4
Total Additions	<u>0</u>
Deductions:	
Accounts written off during the year: Utility Customers	5
Accounts written off during the year: Others	6
Total accounts written off	<u>0</u>
Balance end of year	<u><u>0</u></u>

MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
Electric Utility							
Fuel (151)	2,462,641				2,462,641	2,108,482	1
Fuel stock expenses (152)					0	0	2
Plant mat. & oper. sup. (154)			600,489		600,489	549,939	3
Total Electric Utility					3,063,130	2,658,421	

Account	Total End of Year	Amount Prior Year	
Electric utility total	3,063,130	2,658,421	1
Water utility (154)	135,250	115,387	2
Sewer utility (154)		0	3
Heating utility (154)		0	4
Gas utility (154)		0	5
Merchandise (155)		0	6
Other materials & supplies (156)		0	7
Stores expense (163)		0	8
Total Materials and Supplies	3,198,380	2,773,808	

UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT (ACCTS. 181 AND 251)

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
Unamortized debt discount & expense (181)				
1989 Electric Power System Mortgage Revenue Bonds	0	11555	51,996	1
1991 Electric Power System Mortgage Revenue Bonds	0	9573	34,303	2
1993 Electric Power System Mortgage Revenue Bonds	0	57965	435,100	3
1994 Water Works System Mortgage Revenue Bonds	0	6615	61,020	4
1995 Electric Power System Mortgage Revenue Bonds	0	22457	106,233	5
1995-1 Electric Power System Mortgage Revenue Bonds	0	10631	69,986	6
1996 Electric Power System Mortgage Revenue Bonds	0	8779	49,017	7
1997 Water Works System Mortgage Revenue Bonds	0	5307	92,617	8
1998 Water Works System Mortgage Revenue Bonds	0	3343	34,934	9
Total			935,206	
Unamortized premium on debt (251)				
NONE	0	0	0	10
Total			0	

CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Amount (b)
Balance first of year	0 1
Changes during year (explain):	2
Balance end of year	0

BONDS (ACCTS. 221 AND 222)

1. Report hereunder information required for each separate issue of bonds.
2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
Electric Utility-Series 1989 - \$10,000,000	10/15/1989	08/01/2002	6.61%	1,055,000	1
Electric Utility-Series 1991 - \$5,100,000	02/15/1991	08/01/2004	6.80%	1,355,000	2
Electric Utility-Series 1993 - \$8,685,000	02/04/1993	08/01/2007	5.55%	5,160,000	3
Water Utility-Series 1994 - \$3,365,000	05/15/1994	06/01/2009	5.48%	2,405,000	4
Electric Utility-Series 1995 - \$5,800,000	01/15/1995	08/01/2009	6.03%	3,965,000	5
Electric Utility-Series 1995-1-\$4,200,000	12/28/1995	08/01/2006	4.70%	3,930,000	6
Electric Utility-Series 1996 - \$3,050,000	01/15/1996	08/01/2005	4.50%	2,815,000	7
Water Utility-Series 1997 - \$4,420,000	12/03/1997	06/01/2017	4.83%	4,420,000	8
Water Utility-Series 1998 - \$2,570,000	03/03/1998	06/01/2010	4.30%	1,925,000	9
Total Bonds (Account 221):				27,030,000	
Total Reacquired Bonds (Account 222)				0	10

Net amount of bonds outstanding December 31: 27,030,000

NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
Other Long-Term Debt (224)					
Fischer Property	05/13/1998	02/26/2002	5.00%	37,000	1
Total for Account 224				37,000	
Notes Payable (231)					
Electric Utility - Series 1991 - Current Portion	09/01/1999	08/01/2000	6.80%	0	2
Fischer Property	03/26/1999	02/26/2000	5.00%	18,500	3
Electric Utility - Series 1995 - Current Portion	09/01/1999	08/01/2000	6.03%	320,000	4
Electric Utility - Series 1995-1 - Current Portion	09/01/1999	08/01/2000	4.70%	45,000	5
Electric Utility - Series 1996 - Current Portion	09/01/1999	08/01/2000	4.50%	35,000	6
Electric Utility - Series 1993 - Current Portion	09/01/1999	08/01/2000	5.55%	1,055,000	7
Water Utility - Series 1994 - Current Portion	07/01/1999	06/01/2000	5.48%	200,000	8
Water Utility - Series 1997 - Current Portion	07/01/1999	06/01/2000	4.83%	0	9
Water Utility - Series 1998 - Current Portion	07/01/1999	06/01/2000	4.30%	225,000	10
Electric Utility - Series 1989 - Current Portion	09/01/1999	08/01/2000	6.61%	480,000	11
Total for Account 231				2,378,500	

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	1,855,977	1
Accruals:		
Charged water department expense	399,682	2
Charged electric department expense	1,456,295	3
Charged sewer department expense		4
Other (explain):		
NONE		5
Total Accruals and other credits	<u>1,855,977</u>	
Taxes paid during year:		
County, state and local taxes	1,855,977	6
Social Security taxes		7
PSC Remainder Assessment		8
Other (explain):		
NONE		9
Total payments and other debits	<u>1,855,977</u>	
Balance end of year	<u><u>1,855,977</u></u>	

INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.
 2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)					
Electric Mortgage Revenue Bond-Series 1989	55,047	119,831	132,112	42,766	1
Electric Mortgage Revenue Bond-Series 1991	38,430	92,232	92,232	38,430	2
Electric Mortgage Revenue Bond-Series 1993	166,854	379,931	400,450	146,335	3
Water Mortgage Revenue Bond-Series 1994	13,387	150,856	151,970	12,273	4
Electric Mortgage Revenue Bond-Series 1995	117,033	273,755	280,880	109,908	5
Electric Mortgage Revenue Bond-Series 1995-1	79,098	189,052	189,835	78,315	6
Electric Mortgage Revenue Bond-Series 1996	56,357	134,630	135,258	55,729	7
Water Mortgage Revenue Bond-Series 1998	10,486	95,548	98,196	7,838	8
Water Mortgage Revenue Bond-Series 1997	18,631	222,110	222,222	18,519	9
Subtotal	555,323	1,657,945	1,703,155	510,113	
Advances from Municipality (223)					
	0			0	10
Subtotal	0	0	0	0	
Other Long-Term Debt (224)					
Fischer Property	0	3,700	3,700	0	11
Subtotal	0	3,700	3,700	0	
Notes Payable (231)					
Customer Deposits	0	1,940	1,940	0	12
STEAM UTILITY-OVERBILLED INTEREST EXPENSE		18,862	18,862	0	13
Subtotal	0	20,802	20,802	0	
Total	555,323	1,682,447	1,727,657	510,113	

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)

Particulars (a)	Water (b)	Electric		Sewer (e)	Gas (f)	Total (g)	
		Distribution (c)	Other (d)				
Balance First of Year	4,266,520	1,908,999	27,273	0	0	6,202,792	1
Add credits during year:							
For Services		111,790				111,790	2
For Mains	142,984					142,984	3
Other (specify):							
NONE						0	4
Deduct charges (specify):							
NONE						0	5
Balance End of Year	4,409,504	2,020,789	27,273	0	0	6,457,566	
Amount of federal and state grants in aid received for utility construction included in End of Year totals			14,104			14,104	6

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)		Balance End of Year (b)
Investment in Municipality (123):		
NONE		1
Total (Acct. 123):	0	
Other Investments (124):		
NONE		2
Total (Acct. 124):	0	
Sinking Funds (125):		
WATER BOND SPECIAL REDEMPTION FUND	1,192,666	3
ELECTRIC BOND SPECIAL REDEMPTION FUND	4,310,901	4
Total (Acct. 125):	5,503,567	
Depreciation Fund (126):		
NONE		5
Total (Acct. 126):	0	
Other Special Funds (128):		
WATER CATASTROPHIC FUND	265,636	6
ELECTRIC CATASTROHIC FUND	651,379	7
Total (Acct. 128):	917,015	
Interest Special Deposits (132):		
NONE		8
Total (Acct. 132):	0	
Other Special Deposits (134):		
NONE		9
Total (Acct. 134):	0	
Notes Receivable (141):		
NONE		10
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		
Water	282,221	11
Electric	1,704,387	12
Sewer (Regulated)		13
Other (specify):		
NONE		14
Total (Acct. 142):	1,986,608	
Other Accounts Receivable (143):		
Sewer (Non-regulated)	213,838	15
Merchandising, jobbing and contract work		16
Other (specify):		

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Other Accounts Receivable (143):		
WATER UTILITY - MISC BILLINGS	83,043	17
ELECTRIC UTILITY - MISC BILLINGS	421,303	18
Total (Acct. 143):	718,184	
Receivables from Municipality (145):		
WATER UTILITY	3,150	19
ELECTRIC UTILITY	18,833	20
Total (Acct. 145):	21,983	
Prepayments (165):		
WATER UTILITY - INSURANCE	4,513	21
ELECTRIC UTILITY - INSURANCE	60,038	22
ELECTRIC UTILITY - POSTAGE	15,688	23
Total (Acct. 165):	80,239	
Extraordinary Property Losses (182):		
NONE		24
Total (Acct. 182):	0	
Preliminary Survey and Investigation Charges (183):		
MCLEOD USA POLE ATTACHMENT - ELECTRIC DISTR	2,020	25
MAPPING CONVERSION - ELECTRIC DISTR	14,547	26
REPLACE CURRENT WO SYSTEM - EDP	6,213	27
BUSCH AGR STEAM LINE STUDY - STEAM	9,971	28
Total (Acct. 183):	32,751	
Clearing Accounts (184):		
WATER - EMPLOYEE COMP TIME EARNED AND CARRIED OVER TO 2000	(658)	29
ELECTRIC - EMPLOYEE COMP TIME EARNED AND CARRIED OVER TO 2000	(4,087)	30
EDP - EMPLOYEE COMP TIME EARNED AND CARRIED OVER TO 2000	(1,280)	31
Total (Acct. 184):	(6,025)	
Temporary Facilities (185):		
NONE		32
Total (Acct. 185):	0	
Miscellaneous Deferred Debits (186):		
WATERMAIN ASSESSMENT	8,056	33
WATER TOWER - AMORTIZATION OF PAINTING	24,895	34
WATER RETIREMENT IN PROGRESS	22,442	35
ELECTRIC SULFUR CREDITS	183,590	36
ELECTRIC RETIREMENT IN PROGRESS	34,004	37
Total (Acct. 186):	272,987	

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Payables to Municipality (233):		
SEWER COLLECTION PAYABLE	213,838	38
Total (Acct. 233):	213,838	
Other Deferred Credits (253):		
WATER UTILITY	200	39
Total (Acct. 253):	200	

RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Add Average:						
Utility Plant in Service	26,680,557	82,207,432	0	0	108,887,989	1
Materials and Supplies	125,318	2,860,775	0	0	2,986,093	2
Other (specify):					0	3
Less Average:						
Reserve for Depreciation	6,221,485	32,443,313	0	0	38,664,798	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	4,338,012	1,992,167	0	0	6,330,179	6
Other (specify):					0	7
Average Net Rate Base	16,246,378	50,632,727	0	0	66,879,105	
Net Operating Income	1,217,162	3,642,888	0	0	4,860,050	8
Net Operating Income as a percent of Average Net Rate Base	7.49%	7.19%	N/A	N/A	7.27%	

RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.
2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
Average Proprietary Capital		
Capital Paid in by Municipality	0	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	57,741,890	3
Other (Specify):		4
Total Average Proprietary Capital	57,741,890	
Net Income		
Net Income	3,770,721	5
Percent Return on Proprietary Capital	6.53%	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

NONE

2. Leaseholder changes.

NONE

3. Extensions of service.

MPU ADDED 2 MILES OF DISTRIBUTION CIRCUIT AND 2.5 MILES OF WATERMAIN IN 1999.

4. Estimated changes in revenues due to rate changes.

MPU RECEIVED AUTHORIZATION IN DOCKET 3320-WR-103 TO INCREASE WATER RATES BY 31%.
THE INCREASE IS EXPECTED TO GENERATE ANNUAL REVENUES \$4.868 MILLION AND INCREASE OF \$1.150 MILLION.

5. Obligations incurred or assumed, excluding commercial paper.

6. Formal proceedings with the Public Service Commission.

MPU RECEIVED APPROVAL IN DOCKET 3320-CE-108 TO CONSTRUCT AND PLACE IN SERVICE
A 24.5 MW COMBUSTION TURBINE PEAKING PLANT. THE PLANT BEGAN PRODUCING ELECTRICITY
ON JUNE 1, 1999.

7. Any additional matters.

NONE

FINANCIAL SECTION FOOTNOTES

Contributions in Aid of Construction (Account 271) (Page F-18)

Amount of Federal and State Grants in aid received for Utility construction included in End of Year Totals-Electric Other-\$14,104 is from Tire Shredding.

Balance Sheet End-of-Year Account Balances (Page F-19)

Line 34 - In December of 1993, (12/93) the PSC granted MPU authorization to amortize over a seven year period the water tower painting protect cost incurred in 1993, totaling \$261,387.76.

Line 33 - Deferred watermain assessments.

Line 35 - Water Fund Retirement in progress.

Line 36 - Electric Sulfur Credits.

Line 37 - Electric Fund Retirement in progress.

Line 17 property damage claims, misc billings

Line 18 electric extensions, steam billings, etc.

Line 20 electric billings to the city for data processing services.

Identification and Ownership (Page iv)

Water Utility was organized on 10/2/1911

Electric Utility was organized in 1914

FINANCIAL SECTION FOOTNOTES

Identification and Ownership - Contacts (Page iv)

September 1, 2000

Mr. David Frantsen, Manager of Business Services
Manitowoc Public Utilities
1303 South 8th Street
P.O. Box 1090
Manitowoc, WI 54221-1090

1999 Analytical Review DWCCA-3320-ELE

Dear Mr. Frantsen:

The Public Service Commission (Commission) is in the process of completing an analytical review of your utility's 1999 annual report. The purposes of an analytical review are to detect possible reporting or accounting related errors and to identify significant fluctuations from established trends in reported data not sufficiently explained in the annual report. It is our hope that our review will supply information that will enable us to better provide guidance to your utility regarding proper utility accounting and the preparation of future annual reports. In order to complete this review, we request the following information:

1. We noted deferred water main assessments reported in Account 186, Miscellaneous Deferred Debits. This amount is more appropriately reported in Account 124, Other Investments. Please reclassify this amount in 2000.
2. We noted amounts greater than \$10,000 reported in Account 143, Other Accounts Receivable, described as electric and water utility misc billings, and reported in Account 145, Receivable from Municipality, described as electric. Please furnish slightly more detail to explain these amounts and follow this procedure in the future.
3. We noted amounts reported in Account 231, Notes Payable, described as "current portion" of long term debt. Pursuant to the Uniform System of Accounts, Account 231 should include only amounts payable on demand or within a time not exceeding one year from date of issue, to other than the municipality. In the future, do not report the current portion of long term debt in Account 231.

We appreciate your cooperation in providing the above information. These recommendations are intended to provide accounting assistance and should not be construed as criticisms of utility personnel. If you have any questions, please feel free to contact me at (608) 266-3768. Please respond within 30 days of this letter. If it is convenient for you to respond by e-mail, please do so. My e-mail address is engele@psc.state.wi.us. If we have no questions regarding your response, you can consider the review closed.

Sincerely,

Elaine Engelle
Financial Specialist
Division of Water, Compliance, and Consumer Affairs

FINANCIAL SECTION FOOTNOTES

ELE:tlm:w:\compl\Analytical Reviews\1999 analytical review letters\3320.doc

cc: Mr. James G. Morrow, President

response received 9/21/00:

1. assessments reclassified to a/c 124

2. detail provided

3. current portion of debt will be reclassified to long term accounts

ele

WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	4,261,289	1
Total Sales of Water	4,261,289	
Other Operating Revenues		
Forfeited Discounts (470)	8,693	2
Miscellaneous Service Revenues (471)	0	3
Rents from Water Property (472)	12,350	4
Interdepartmental Rents (473)	960	5
Other Water Revenues (474)	28,357	6
Amortization of Construction Grants (475)	0	7
Total Other Operating Revenues	50,360	
Total Operating Revenues	4,311,649	
Operation and Maintenance Expenses		
Source of Supply Expense (600-617)	9,887	8
Pumping Expenses (620-633)	394,298	9
Water Treatment Expenses (640-652)	409,473	10
Transmission and Distribution Expenses (660-678)	554,913	11
Customer Accounts Expenses (901-905)	175,128	12
Sales Expenses (910)	5,005	13
Administrative and General Expenses (920-932)	492,978	14
Total Operation and Maintenance Expenses	2,041,682	
Other Operating Expenses		
Depreciation Expense (403)	603,025	15
Amortization Expense (404-407)		16
Taxes (408)	449,780	17
Total Other Operating Expenses	1,052,805	
Total Operating Expenses	3,094,487	
NET OPERATING INCOME	1,217,162	

WATER OPERATING REVENUES - SALES OF WATER

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. Bulk sales should be account 460.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
Operating Revenues				
Sales of Water				
Unmetered Sales to General Customers (460)				
Residential				1
Commercial	38	1	4,943	2
Industrial				3
Total Unmetered Sales to General Customers (460)	38	1	4,943	
Metered Sales to General Customers (461)				
Residential	11,586	749,013	1,381,752	4
Commercial	979	304,071	392,748	5
Industrial	193	2,069,027	1,722,036	6
Total Metered Sales to General Customers (461)	12,758	3,122,111	3,496,536	
Private Fire Protection Service (462)	139		67,714	7
Public Fire Protection Service (463)	1		487,004	8
Other Sales to Public Authorities (464)	102	76,213	87,178	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)	1	151,387	117,914	12
Total Sales of Water	13,039	3,349,712	4,261,289	

SALES FOR RESALE (ACCT. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)
None	None		1
Total		<u>0</u>	<u>0</u>

OTHER OPERATING REVENUES (WATER)

1. Report revenues relating to each account and fully describe each item using other than the account title.
2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
3. For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Particulars (a)	Amount (b)	
Public Fire Protection Service (463):		
Amount billed (usually per rate schedule F-1)	487,004	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
Other (specify):		
NONE		4
Total Public Fire Protection Service (463)	487,004	
Forfeited Discounts (470):		
Customer late payment charges	8,693	5
Other (specify):		
NONE		6
Total Forfeited Discounts (470)	8,693	
Miscellaneous Service Revenues (471):		
NONE		7
Total Miscellaneous Service Revenues (471)	0	
Rents from Water Property (472):		
RENT FROM WATER PROPERTY-WATER TOWER	12,000	8
RENT FROM WATER PROPERTY-FARM LAND	350	9
Total Rents from Water Property (472)	12,350	
Interdepartmental Rents (473):		
POLE YARD RENTED TO ELECTRIC UTILITY	960	10
Total Interdepartmental Rents (473)	960	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department	28,353	11
Other (specify):		
SALES TAX ALLOWANCE	4	12
Total Other Water Revenues (474)	28,357	
Amortization of Construction Grants (475):		
NONE		13
Total Amortization of Construction Grants (475)	0	

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
SOURCE OF SUPPLY EXPENSES		
Operation Supervision and Engineering (600)		1
Operation Labor and Expenses (601)	535	2
Purchased Water (602)		3
Miscellaneous Expenses (603)		4
Rents (604)		5
Maintenance Supervision and Engineering (610)		6
Maintenance of Structures and Improvements (611)	8,652	7
Maintenance of Collecting and Impounding Reservoirs (612)	700	8
Maintenance of Lake, River and Other Intakes (613)		9
Maintenance of Wells and Springs (614)		10
Maintenance of Infiltration Galleries and Tunnels (615)		11
Maintenance of Supply Mains (616)		12
Maintenance of Miscellaneous Water Source Plant (617)		13
Total Source of Supply Expenses	9,887	
 PUMPING EXPENSES		
Operation Supervision and Engineering (620)	8,143	14
Fuel for Power Production (621)		15
Power Production Labor and Expenses (622)		16
Fuel or Power Purchased for Pumping (623)	288,915	17
Pumping Labor and Expenses (624)	51,579	18
Expenses Transferred--Credit (625)		19
Miscellaneous Expenses (626)	2,534	20
Rents (627)		21
Maintenance Supervision and Engineering (630)		22
Maintenance of Structures and Improvements (631)	11,642	23
Maintenance of Power Production Equipment (632)		24
Maintenance of Pumping Equipment (633)	31,485	25
Total Pumping Expenses	394,298	
 WATER TREATMENT EXPENSES		
Operation Supervision and Engineering (640)	15,977	26
Chemicals (641)	58,303	27

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
WATER TREATMENT EXPENSES		
Operation Labor and Expenses (642)	97,878	28
Miscellaneous Expenses (643)	105,188	29
Rents (644)		30
Maintenance Supervision and Engineering (650)		31
Maintenance of Structures and Improvements (651)	50,362	32
Maintenance of Water Treatment Equipment (652)	81,765	33
Total Water Treatment Expenses	409,473	
TRANSMISSION AND DISTRIBUTION EXPENSES		
Operation Supervision and Engineering (660)	65,774	34
Storage Facilities Expenses (661)	6,286	35
Transmission and Distribution Lines Expenses (662)	120,893	36
Meter Expenses (663)	53,436	37
Customer Installations Expenses (664)	154	38
Miscellaneous Expenses (665)	71,948	39
Rents (666)	4,670	40
Maintenance Supervision and Engineering (670)	7,772	41
Maintenance of Structures and Improvements (671)		42
Maintenance of Distribution Reservoirs and Standpipes (672)	39,645	43
Maintenance of Transmission and Distribution Mains (673)	140,815	44
Maintenance of Fire Mains (674)		45
Maintenance of Services (675)	30,440	46
Maintenance of Meters (676)	8,922	47
Maintenance of Hydrants (677)	4,013	48
Maintenance of Miscellaneous Plant (678)	145	49
Total Transmission and Distribution Expenses	554,913	
CUSTOMER ACCOUNTS EXPENSES		
Supervision (901)	8,231	50
Meter Reading Labor (902)	28,647	51
Customer Records and Collection Expenses (903)	137,799	52
Uncollectible Accounts (904)		53

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
CUSTOMER ACCOUNTS EXPENSES		
Miscellaneous Customer Accounts Expenses (905)	451	54
Total Customer Accounts Expenses	175,128	
SALES EXPENSES		
Sales Expenses (910)	5,005	55
Total Sales Expenses	5,005	
ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	108,726	56
Office Supplies and Expenses (921)	35,658	57
Administrative Expenses Transferred--Credit (922)	34,254	58
Outside Services Employed (923)	95,696	59
Property Insurance (924)	5,378	60
Injuries and Damages (925)	26,437	61
Employee Pensions and Benefits (926)	173,957	62
Regulatory Commission Expenses (928)	12,171	63
Duplicate Charges--Credit (929)		64
Miscellaneous General Expenses (930)	36,546	65
Rents (931)	19,080	66
Maintenance of General Plant (932)	13,583	67
Total Administrative and General Expenses	492,978	
Total Operation and Maintenance Expenses	2,041,682	

TAXES (ACCT. 408 - WATER)

When allocation of taxes is made between departments, explain method used.

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		399,683	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		8,737	2
Net property tax equivalent		390,946	
Social Security		53,837	3
PSC Remainder Assessment		4,997	4
Other (specify): NONE			5
Total tax expense		449,780	

PROPERTY TAX EQUIVALENT (WATER)

1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
2. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
4. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Manitowoc				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.000000				3
County tax rate	mills		0.000000				4
Local tax rate	mills		6.484400				5
School tax rate	mills		8.851800				6
Voc. school tax rate	mills		1.676500				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		17.012700				10
Less: state credit	mills		1.129600				11
Net tax rate	mills		15.883100				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		6.484400				14
Combined School Tax Rate	mills		10.528300				15
Other Tax Rate - Local	mills		0.000000				16
Total Local & School Tax	mills		17.012700				17
Total Tax Rate	mills		17.012700				18
Ratio of Local and School Tax to Total	dec.		1.000000				19
Total tax net of state credit	mills		15.883100				20
Net Local and School Tax Rate	mills		15.883100				21
Utility Plant, Jan. 1	\$	28,069,706	28,069,706				22
Materials & Supplies	\$	115,387	115,387				23
Subtotal	\$	28,185,093	28,185,093				24
Less: Plant Outside Limits	\$	1,953,245	1,953,245				25
Taxable Assets	\$	26,231,848	26,231,848				26
Assessment Ratio	dec.		0.972500				27
Assessed Value	\$	25,510,472	25,510,472				28
Net Local & School Rate	mills		15.883100				29
Tax Equiv. Computed for Current Year	\$	405,185	405,185				30
Tax Equivalent per 1994 PSC Report	\$	399,683					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$	399,683					32 33
Tax equiv. for current year (see note 6)	\$	399,683					34

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
INTANGIBLE PLANT			
Organization (301)	0		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
Total Intangible Plant	0	0	
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)	83,952		4
Structures and Improvements (311)	0		5
Collecting and Impounding Reservoirs (312)	0		6
Lake, River and Other Intakes (313)	1,968,150		7
Wells and Springs (314)	369,571		8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	178,222		10
Other Water Source Plant (317)	0		11
Total Source of Supply Plant	2,599,895	0	
PUMPING PLANT			
Land and Land Rights (320)	22,823		12
Structures and Improvements (321)	572,228	3,080	13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	0		15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	1,391,434	174,986	17
Diesel Pumping Equipment (326)	11,680		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	22,016		20
Total Pumping Plant	2,020,181	178,066	
WATER TREATMENT PLANT			
Land and Land Rights (330)	41,989		21
Structures and Improvements (331)	1,284,711	2,150,461	22
Water Treatment Equipment (332)	1,273,279	4,463,607	23
Total Water Treatment Plant	2,599,979	6,614,068	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	25,541	10	24
Structures and Improvements (341)	0		25

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
INTANGIBLE PLANT				
Organization (301)			0	1
Franchises and Consents (302)			0	2
Miscellaneous Intangible Plant (303)			0	3
Total Intangible Plant	0	0	0	
SOURCE OF SUPPLY PLANT				
Land and Land Rights (310)			83,952	4
Structures and Improvements (311)			0	5
Collecting and Impounding Reservoirs (312)			0	6
Lake, River and Other Intakes (313)			1,968,150	7
Wells and Springs (314)			369,571	8
Infiltration Galleries and Tunnels (315)			0	9
Supply Mains (316)			178,222	10
Other Water Source Plant (317)			0	11
Total Source of Supply Plant	0	0	2,599,895	
PUMPING PLANT				
Land and Land Rights (320)			22,823	12
Structures and Improvements (321)			575,308	13
Boiler Plant Equipment (322)			0	14
Other Power Production Equipment (323)			0	15
Steam Pumping Equipment (324)			0	16
Electric Pumping Equipment (325)			1,566,420	17
Diesel Pumping Equipment (326)			11,680	18
Hydraulic Pumping Equipment (327)			0	19
Other Pumping Equipment (328)			22,016	20
Total Pumping Plant	0	0	2,198,247	
WATER TREATMENT PLANT				
Land and Land Rights (330)			41,989	21
Structures and Improvements (331)			3,435,172	22
Water Treatment Equipment (332)	11,362		5,725,524	23
Total Water Treatment Plant	11,362	0	9,202,685	
TRANSMISSION AND DISTRIBUTION PLANT				
Land and Land Rights (340)			25,551	24
Structures and Improvements (341)			0	25

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)	1,849,931		26
Transmission and Distribution Mains (343)	11,087,042	679,894	27
Fire Mains (344)	0		28
Services (345)	0		29
Meters (346)	1,040,710	55,859	30
Hydrants (348)	696,082	62,585	31
Other Transmission and Distribution Plant (349)	0		32
Total Transmission and Distribution Plant	14,699,306	798,348	
GENERAL PLANT			
Land and Land Rights (389)	58,619		33
Structures and Improvements (390)	278,863	9,343	34
Office Furniture and Equipment (391)	16,750	6,647	35
Computer Equipment (391.1)	253,932	9,140	36
Transportation Equipment (392)	153,515		37
Stores Equipment (393)	15,426		38
Tools, Shop and Garage Equipment (394)	138,125	1,050	39
Laboratory Equipment (395)	22,912	6,104	40
Power Operated Equipment (396)	16,250		41
Communication Equipment (397)	12,366	2,256	42
SCADA Equipment (397.1)	128,352	36,466	43
Miscellaneous Equipment (398)	1,118		44
Other Tangible Property (399)	0		45
Total General Plant	1,096,228	71,006	
Total utility plant in service directly assignable	23,015,589	7,661,488	
Common Utility Plant Allocated to Water Department	0		46
Total utility plant in service	23,015,589	7,661,488	

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION AND DISTRIBUTION PLANT				
Distribution Reservoirs and Standpipes (342)			1,849,931	26
Transmission and Distribution Mains (343)	40,231		11,726,705	27
Fire Mains (344)			0	28
Services (345)			0	29
Meters (346)	23,906		1,072,663	30
Hydrants (348)	2,120		756,547	31
Other Transmission and Distribution Plant (349)			0	32
Total Transmission and Distribution Plant	66,257	0	15,431,397	
GENERAL PLANT				
Land and Land Rights (389)			58,619	33
Structures and Improvements (390)	0		288,206	34
Office Furniture and Equipment (391)			23,397	35
Computer Equipment (391.1)	253,933		9,139	36
Transportation Equipment (392)			153,515	37
Stores Equipment (393)			15,426	38
Tools, Shop and Garage Equipment (394)			139,175	39
Laboratory Equipment (395)			29,016	40
Power Operated Equipment (396)			16,250	41
Communication Equipment (397)			14,622	42
SCADA Equipment (397.1)			164,818	43
Miscellaneous Equipment (398)			1,118	44
Other Tangible Property (399)			0	45
Total General Plant	253,933	0	913,301	
Total utility plant in service directly assignable	331,552	0	30,345,525	
Common Utility Plant Allocated to Water Department				0 46
Total utility plant in service	331,552	0	30,345,525	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
 2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
SOURCE OF SUPPLY PLANT				
Structures and Improvements (311)	0			1
Collecting and Impounding Reservoirs (312)	0			2
Lake, River and Other Intakes (313)	760,520	1.67%	32,868	3
Wells and Springs (314)	369,571	2.94%		4
Infiltration Galleries and Tunnels (315)	0			5
Supply Mains (316)	43,398	1.77%	3,154	6
Other Water Source Plant (317)	0			7
Total Source of Supply Plant	1,173,489		36,022	
PUMPING PLANT				
Structures and Improvements (321)	124,736	2.43%	13,949	8
Boiler Plant Equipment (322)	0			9
Other Power Production Equipment (323)	0			10
Steam Pumping Equipment (324)	0			11
Electric Pumping Equipment (325)	824,288	4.42%	66,013	12
Diesel Pumping Equipment (326)	6,599	4.29%	501	13
Hydraulic Pumping Equipment (327)	0			14
Other Pumping Equipment (328)	8,760	4.29%	945	15
Total Pumping Plant	964,383		81,408	
WATER TREATMENT PLANT				
Structures and Improvements (331)	592,077	2.50%	63,478	16
Water Treatment Equipment (332)	522,867	3.24%	125,463	17
Total Water Treatment Plant	1,114,944		188,941	
TRANSMISSION AND DISTRIBUTION PLANT				
Structures and Improvements (341)	0			18
Distribution Reservoirs and Standpipes (342)	445,987	1.86%	34,409	19
Transmission and Distribution Mains (343)	1,596,562	0.93%	103,522	20
Fire Mains (344)	0			21
Services (345)	0			22
Meters (346)	258,693	5.00%	53,239	23
Hydrants (348)	68,647	1.59%	7,756	24
Other Transmission and Distribution Plant (349)	0			25
Total Transmission and Distribution Plant	2,369,889		198,926	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					0	1
312					0	2
313					793,388	3
314					369,571	4
315					0	5
316					46,552	6
317					0	7
	0	0	0	0	1,209,511	
321					138,685	8
322					0	9
323					0	10
324					0	11
325					890,301	12
326					7,100	13
327					0	14
328					9,705	15
	0	0	0	0	1,045,791	
331					655,555	16
332	11,362		8,614		645,582	17
	11,362	0	8,614	0	1,301,137	
341					0	18
342					480,396	19
343	40,231	2,243	361	40,000	1,697,971	20
344					0	21
345					0	22
346	23,906		2,462		290,488	23
348	2,120			1,551	75,834	24
349					0	25
	66,257	2,243	2,823	41,551	2,544,689	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
 2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
GENERAL PLANT				
Structures and Improvements (390)	21,784	2.38%	6,767	26
Office Furniture and Equipment (391)	5,943	5.88%	1,490	27
Computer Equipment (391.1)	211,657	25.00%	43,571	28
Transportation Equipment (392)	57,608	10.56%	16,117	29
Stores Equipment (393)	5,509	5.88%	1,034	30
Tools, Shop and Garage Equipment (394)	83,310	6.25%	9,277	31
Laboratory Equipment (395)	11,522	5.88%	1,910	32
Power Operated Equipment (396)	(787)	6.07%	986	33
Communication Equipment (397)	9,844	10.00%	2,842	34
SCADA Equipment (397.1)	30,667	10.00%	13,659	35
Miscellaneous Equipment (398)	614	5.88%	75	36
Other Tangible Property (399)	0			37
Total General Plant	437,671		97,728	
Total accum. prov. directly assignable	6,060,376		603,025	
 Common Utility Plant Allocated to Water Department	 0			 38
 Total accum. prov. for depreciation	 6,060,376		 603,025	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
390	0				28,551	26
391					7,433	27
391.1	253,933				1,295	28
392					73,725	29
393					6,543	30
394					92,587	31
395					13,432	32
396					199	33
397					12,686	34
397.1					44,326	35
398					689	36
399					0	37
	253,933	0	0	0	281,466	
	331,552	2,243	11,437	41,551	6,382,594	
					0	38
	331,552	2,243	11,437	41,551	6,382,594	

SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

Month (a)	Sources of Water Supply			Total Gallons All Methods (000's) (e)	
	Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)		
January	0	261,200	4,801	266,001	1
February	0	205,050	34,146	239,196	2
March	0	138,899	119,002	257,901	3
April	0	137,104	129,533	266,637	4
May	0	124,705	161,151	285,856	5
June	0	199,108	106,492	305,600	6
July	0	294,087	76,297	370,384	7
August	0	303,183	26,406	329,589	8
September	0	267,170	46,168	313,338	9
October	0	280,192	21,286	301,478	10
November	0	217,861	52,303	270,164	11
December	0	228,824	17,925	246,749	12
Total for year	0	2,657,383	795,510	3,452,893	
Less: Measured or estimated water used in main flushing and water treatment during year				56,200	13
Less: Other utility use				486	14
Other utility use explanation:					15
GENERAL ADMINISTRATIVE OFFICE CONSUMPTION					
Water pumped into distribution system				3,396,207	16
Less: Water sold				3,349,712	17
Losses and unaccounted for				46,495	18
Percent unaccounted for to the nearest whole percent (%)				1%	19
If more than 15%, indicate causes and state what action has been taken to reduce water loss:					20
Maximum gallons pumped by all methods in any one day during reporting year				17,635	21
Date of maximum: 7/26/1999					22
Cause of maximum:					23
HOT WEATHER					
Minimum gallons pumped by all methods in any one day during reporting year				5,706	24
Date of minimum: 12/25/1999					25
Total KWH used for pumping for the year				6,316,835	26
If water is purchased: Vendor Name:					27
Point of Delivery:					28

SOURCES OF WATER SUPPLY - GROUND WATERS

Location (a)	Identification Number (b)	Depth in feet (c)	Well Diameter in inches (d)	Yield Per Day in gallons (e)	Currently In Service? (f)	
COLLECTING WELL	A	66	13	3,500,000	Yes	1
COLLECTING WELL	B	86	13	5,000,000	No	2
COLLECTING WELL	C	84	13	5,000,000	Yes	3

SOURCES OF WATER SUPPLY - SURFACE WATERS

Location (a)	Intakes				
	Identification Number (b)	Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)	
WATER INTAKES	1	9,000	27	48	1

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	1	10	11	1
Location	NORTH BACKWASH	3 LOLIFT	1 NY RESERVOIR	2
Purpose	X S	X S	X S	3
Destination	T	T	D	4
Pump Manufacturer	PEERLESS	JOHNSTON	DELAVAL	5
Year Installed	1972	1999	1972	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	CENTRIFUGAL	7
Actual Capacity (gpm)	17,400	7,200	1,400	8
Pump Motor or Standby Engine Mfr	IDEAL	G.E.	G. E.	10
Year Installed	1972	1999	1972	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	300	300	100	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	12	13	14	14
Location	2 NY RESERVOIR	4 NY RESERVOIR	A COLLECTOR	15
Purpose	P X	X S	X S	16
Destination	D	D	D	17
Pump Manufacturer	DELAVAL	DELAVAL	LAYNE BOWLER	18
Year Installed	1970	1970	1945	19
Type	CENTRIFUGAL	CENTRIFUGAL	VERTICAL TURBINE	20
Actual Capacity (gpm)	2,800	2,100	2,800	21
Pump Motor or Standby Engine Mfr	G. E.	GE/CATERPILLAR	IDEAL	23
Year Installed	1972	1970	1999	24
Type	ELECTRIC	OTHER	ELECTRIC	25
Horsepower	200	150	250	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	15	16	17	1
Location	A COLLECTOR	B COLLECTOR	B COLLECTOR	2
Purpose	X S	X S	X S	3
Destination	D	D	D	4
Pump Manufacturer	STERLING	PEERLESS	LAYNE BOWLER	5
Year Installed	1945	1968	1970	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	1,200	1,800	1,200	8
Pump Motor or Standby Engine Mfr	G. E.	G. E.	G. E.	10
Year Installed	1945	1968	1970	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	125	125	250	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	18	19	2	14
Location	B COLLECTOR	C COLLECTOR	SOUTH BACKWASH	15
Purpose	X S	P X	P X	16
Destination	D	D	T	17
Pump Manufacturer	LAYNE BOWLER	PEERLESS	PEERLESS	18
Year Installed	1968	1994	1972	19
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	20
Actual Capacity (gpm)	1,800	2,300	17,400	21
Pump Motor or Standby Engine Mfr	G. E.	U. S. MOTORS	IDEAL	23
Year Installed	1968	1994	1972	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	500	250	300	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	20	21	22	1
Location	C COLLECTOR	1 SOUTHWEST	2 SOUTHWEST	2
Purpose	P X	X S	P X	3
Destination	D	D	D	4
Pump Manufacturer	PEERLESS	ALLIS-CHALMERS	ALLIS-CHALMERS	5
Year Installed	1994	1987	1987	6
Type	VERTICAL TURBINE	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	2,000	200	600	8
Pump Motor or Standby Engine Mfr	U. S. MOTORS	G. E.	G. E.	10
Year Installed	1994	1987	1987	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	250	5	15	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	23	3	4	14
Location	3 SOUTHWEST	NO. 1 RECLAIM	NO. 2 RECLAIM	15
Purpose	B	P X	X S	16
Destination	D	T	T	17
Pump Manufacturer	ALLIS-CHALMERS	KROGH	KROGH	18
Year Installed	1987	1972	1972	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	3,000	1,400	1,400	21
Pump Motor or Standby Engine Mfr	G. E.	U. S.	U. S.	23
Year Installed	1987	1972	1972	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	15	15	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	5	6	7	1
Location	1 HILIFT	2 HILIFT	3 HILIFT	2
Purpose	P X	P X	P X	3
Destination	R	R	D	4
Pump Manufacturer	INGERSOLL DRESSEL	PEERLESS	PEERLESS	5
Year Installed	1999	1999	1972	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	6,500	3,420	4,180	8
Pump Motor or Standby Engine Mfr	US MOTORS	US MOTORS	US MOTORS	9 10
Year Installed	1999	1999	1999	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	500	250	350	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	8	9		14
Location	1 LOLIFT	2 LOLIFT		15
Purpose	P X	P X		16
Destination	D	D		17
Pump Manufacturer	GOULDS	JOHNSTON		18
Year Installed	1999	1999		19
Type	CENTRIFUGAL	CENTRIFUGAL		20
Actual Capacity (gpm)	4,700	7,200		21
Pump Motor or Standby Engine Mfr	GE MOTORS	GE MOTORS		22 23
Year Installed	1999	1999		24
Type	ELECTRIC	ELECTRIC		25
Horsepower	300	300		26

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	INDUSTRIAL PARK	REED AVENUE	GROUND STORAGE BLDG.	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET	ET	R	3
Year constructed	1995	1938	1970	4
Primary material (earthen, steel, concrete, other)	STEEL	STEEL	CONCRETE	5
Elevation difference in feet (See Headnote 3.)	185	180	0	6
Total capacity in gallons	1,250,000	1,500,000	5,000,000	7
WATER TREATMENT PLANT				8
Disinfection, type of equipment (gas, liquid, powder, other)	OTHER	OTHER	GAS	9
Points of application (wellhouse, central facilities, booster station, other)	OTHER	OTHER	BOOSTER STATION	10
Filters, type (gravity, pressure, other, none)	NONE	NONE	OTHER	11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	0.0000	0.0000	12.0000	12
Is a corrosion control chemical used (yes, no)?	Y	Y	Y	13
Is water fluoridated (yes, no)?	Y	Y	Y	14

WATER MAINS

1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
4. Explain all reported adjustments as a schedule footnote.
5. For main additions reported in column (e), as a schedule footnote:
 - a. Explain how the additions were financed.
 - b. If assessed against property owners, explain the basis of the assessments.
 - c. If the assessments are deferred, explain.

								Number of Feet	
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)		
L	D	0.500	178	0	0	0	178	1	
L	D	0.625	67	0	0	0	67	2	
M	D	0.750	320	0	0	0	320	3	
M	D	1.000	490	0	0	0	490	4	
L	D	1.500	540	0	32	0	508	5	
M	D	2.000	1,945	0	507	0	1,438	6	
M	D	4.000	7,710	0	0	0	7,710	7	
M	D	6.000	417,485	0	253	0	417,232	8	
P	D	6.000	20,631	295	0	0	20,926	9	
M	D	8.000	105,080	0	2,587	0	102,493	10	
P	D	8.000	50,346	2,755	0	0	53,101	11	
M	D	10.000	25,913	0	0	0	25,913	12	
P	D	10.000	0	14	0	0	14	13	
M	D	12.000	120,637	0	6,033	0	114,604	14	
P	D	12.000	28,502	7,547	0	0	36,049	15	
M	T	16.000	42,097	1,819	0	0	43,916	16	
M	T	20.000	23,943	0	0	0	23,943	17	
M	T	24.000	18,273	0	0	0	18,273	18	
Total Within Municipality			864,157	12,430	9,412	0	867,175		
M	T	24.000	2,500	0	0	0	2,500	19	
Total Outside of Municipality			2,500	0	0	0	2,500		
Total Utility			866,657	12,430	9,412	0	869,675		

WATER SERVICES

1. Explain all reported adjustments as a schedule footnote.
2. Report in column (h) the number of utility-owned services included in columns (c) through (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
3. For services added during the year in column (d), as a schedule footnote:
 - a. Explain how the additions were financed.
 - b. If assessed against property owners, explain the basis of the assessments.
 - c. If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of services recorded under this method.
 - d. If any were financed by application of Cz-1, provide the total amount recorded and the number of services recorded under this method.
4. Report services separately by pipe material and diameter.
5. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement) or P (Plastic for plastic and all other non-metal excluding asbestos-cement).

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
L	0.625	5,124	0	0	0	5,124		1
L	0.750	1,849	0	0	0	1,849		2
M	0.750	2,768	0	0	0	2,768		3
L	1.000	410	0	102	0	308		4
M	1.000	3,265	134	0	0	3,399		5
L	1.250	8	0	0	0	8		6
M	1.500	141	0	0	0	141		7
M	2.000	160	1	0	0	161		8
P	4.000	21	1	0	0	22		9
M	4.000	133	0	0	0	133		10
P	6.000	26	6	0	0	32		11
M	6.000	85	0	1	0	84		12
M	8.000	51	0	1	0	50		13
P	8.000	50	6	0	0	56		14
M	10.000	2	1	0	0	3		15
M	12.000	6	0	0	0	6		16
P	12.000	5	0	0	0	5		17
Total Utility		14,104	149	104	0	14,149	0	

METERS

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (a).

Number of Utility-Owned Meters

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	6,076	192	230	12	6,050	1,515	1
0.750	6,217	288	134	(18)	6,353	1,532	2
1.000	427	16	15	(3)	425	131	3
1.500	120	6	0	2	128	9	4
2.000	223	8	0	2	233	30	5
3.000	65	1	0	(1)	65	0	6
4.000	40	0	0	3	43	0	7
6.000	31	3	0	0	34	0	8
8.000	1	0	0	0	1	0	9
Total:	13,200	514	379	(3)	13,332	3,217	

Classification of All Meters at End of Year by Customers

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Wholesale, Inter-Department or Utility Use (m)	In Stock and Deduct Meters (n)	Total (o)	
0.625	5,582	228	12	2	0	226	6,050	1
0.750	5,812	365	47	7	0	122	6,353	2
1.000	163	189	30	14	0	29	425	3
1.500	6	73	11	16	0	22	128	4
2.000	4	101	49	24	1	54	233	5
3.000	0	9	20	14	0	22	65	6
4.000	0	11	12	6	1	13	43	7
6.000	0	3	15	1	3	12	34	8
8.000	0	0	1	0	0	0	1	9
Total:	11,567	979	197	84	5	500	13,332	

HYDRANTS AND DISTRIBUTION SYSTEM VALVES

1. Distinguish between fire and flushing hydrants by lead size.
 - a. Fire hydrants normally have a lead size of 6 inches or greater.
 - b. Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.
2. Explain all reported adjustments in the schedule footnotes.
3. Report fire hydrants as within or outside the municipal boundaries.

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
Fire Hydrants						
Outside of Municipality	0				0	1
Within Municipality	1,081	36	17		1,100	2
Total Fire Hydrants	1,081	36	17	0	1,100	
Flushing Hydrants						
	0				0	3
Total Flushing Hydrants	0	0	0	0	0	

Wis. Admin. Code § 185.87 requires that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Report the number operated during the year

Number of hydrants operated during year: 600
 Number of distribution system valves end of year: 2,200
 Number of distribution valves operated during year: 1,200

WATER OPERATING SECTION FOOTNOTES

Water Operation & Maintenance Expenses (Page W-05)

SALES EXPENSE - Sales Expenses (910) should be zero. We have costs for Advertising Expense (913) so we put these costs in (910) so the Total Operation and Maintenance Expenses will be correct.

Account 601 - Decrease because major expense in 1998.

Account 623 - Increase in cost of power for pumps.

Account 633 - Increase because of Collector "A"

convert to 480V at MPU Lakefront Property.

Account 641 - Decrease in cost because of new microfiltration plant.

Account 643 - Increase because additional new employee and new microfiltration plant.

Account 651 - Increase in maintenance and improvements with the new microfiltration plant.

Account 652 - Increase in cost of maintenance.

Account 663 - Decrease in cost of expenses.

Account 903 - Increase in data processing charges.

Account 920 - Increase in salaries.

Account 923 - Decrease because major expense in 1998.

Account 928 - Increase because of water rate increase case.

Account 930 - Increase in goodwill advertising.

Property Tax Equivalent (Water) (Page W-07)

Computation of payment in lieu of taxes for 1999 by the City of Manitowoc combined both Electric and Water Utilities together. That resulted in the 1994 figure to be used for both utilities. See page E-5 Property Tax Equivalent for Electric Utility. Authorization was done in December 1999.

Water Utility Plant in Service (Page W-08)

Account 325 - Column C - Close WO 4359; Microfiltration Plant

Account 331 - Column C - Close WO 4359; Microfiltration Plant

Account 332 - Column C - Close WO 4359; Microfiltration Plant

Account 343 - See page W-16

Account 391.1 - Retirement of Computer Equipment

Accumulated Provision for Depreciation - Water (Page W-10)

ACCOUNT 343 - Column I = Additional Depreciation per 1989 Depreciation Study

ACCOUNT 348 - Column I = Materials and Supplies

ACCOUNT 396 - 1999 Balance First of Year is a negative balance of (\$787.04) due to a fork lift being retired in 6/96.

WATER OPERATING SECTION FOOTNOTES

Water Mains (Page W-17)

Watermains within the corporate limits of the City of Manitowoc, Wisconsin are extended in accordance with the requirement of section 144.04 as amended in the Wisconsin State Statutes, and according to the rules and regulations filed with the Public Service Commission of Wisconsin, and approved by the Common Council of the said City under section 12.7 of the Municipal Code.

Water Services (Page W-18)

Water Services are privately owned.
Property owner is billed for services installed.

Meters (Page W-19)

Adjustment of meters were made to reconcile year end balance due to system conversion issues.

ELECTRIC OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Electricity		
Sales of Electricity (440-448)	29,145,660	1
Total Sales of Electricity	29,145,660	
Other Operating Revenues		
Forfeited Discounts (450)	64,790	2
Miscellaneous Service Revenues (451)	856,244	3
Sales of Water and Water Power (453)	0	4
Rent from Electric Property (454)	285,015	5
Interdepartmental Rents (455)	23,700	6
Other Electric Revenues (456)	1,908,196	7
Total Other Operating Revenues	3,137,945	
Total Operating Revenues	32,283,605	
Operation and Maintenance Expenses		
Power Production Expenses (500-557)	20,326,020	8
Transmission Expenses (560-573)	59,506	9
Distribution Expenses (580-598)	710,721	10
Customer Accounts Expenses (901-905)	278,070	11
Sales Expenses (911-916)	125,348	12
Administrative and General Expenses (920-932)	2,271,697	13
Total Operation and Maintenance Expenses	23,771,362	
Other Expenses		
Depreciation Expense (403)	3,103,654	14
Amortization Expense (404-407)		15
Taxes (408)	1,765,701	16
Total Other Expenses	4,869,355	
Total Operating Expenses	28,640,717	
NET OPERATING INCOME	3,642,888	

OTHER OPERATING REVENUES (ELECTRIC)

1. Report revenues relating to each account and fully describe each item using other than the account title.
 2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.

Particulars (a)	Amount (b)	
Forfeited Discounts (450):		
Customer late payment charges	64,790	1
Other (specify):		
NONE		2
Total Forfeited Discounts (450)	64,790	
Miscellaneous Service Revenues (451):		
ELECTRIC DATA PROCESSING REVENUE	856,244	3
Total Miscellaneous Service Revenues (451)	856,244	
Sales of Water and Water Power (453):		
NONE		4
Total Sales of Water and Water Power (453)	0	
Rent from Electric Property (454):		
POLE RENTAL CONTRACT	168,343	5
LEASE AGREEMENT-WPS TRANS/SUBSTATION	116,672	6
Total Rent from Electric Property (454)	285,015	
Interdepartmental Rents (455):		
WATER UTILITY	23,700	7
Total Interdepartmental Rents (455)	23,700	
Other Electric Revenues (456):		
STEAM & HOT WATER SALES	1,844,027	8
WISCONSIN SALES TAX ALLOWANCE	5,983	9
MISC OTHER REVENUES	58,186	10
Total Other Electric Revenues (456)	1,908,196	

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
POWER PRODUCTION EXPENSES		
STEAM POWER GENERATION EXPENSES		
Operation Supervision and Engineering (500)	160,260	1
Fuel (501)	6,557,299	2
Steam Expenses (502)	624,366	3
Steam from Other Sources (503)		4
Steam Transferred -- Credit (504)		5
Electric Expenses (505)	487,210	6
Miscellaneous Steam Power Expenses (506)	854,657	7
Rents (507)	704	8
Maintenance Supervision and Engineering (510)	72,300	9
Maintenance of Structures (511)	51,127	10
Maintenance of Boiler Plant (512)	1,670,485	11
Maintenance of Electric Plant (513)	518,750	12
Maintenance of Miscellaneous Steam Plant (514)	12,505	13
Total Steam Power Generation Expenses	11,009,663	
HYDRAULIC POWER GENERATION EXPENSES		
Operation Supervision and Engineering (535)		14
Water for Power (536)		15
Hydraulic Expenses (537)		16
Electric Expenses (538)		17
Miscellaneous Hydraulic Power Generation Expenses (539)		18
Rents (540)		19
Maintenance Supervision and Engineering (541)		20
Maintenance of Structures (542)		21
Maintenance of Reservoirs, Dams and Waterways (543)		22
Maintenance of Electric Plant (544)		23
Maintenance of Miscellaneous Hydraulic Plant (545)		24
Total Hydraulic Power Generation Expenses	0	
OTHER POWER GENERATION EXPENSES		
Operation Supervision and Engineering (546)	6,091	25
Fuel (547)	349,162	26
Generation Expenses (548)	15,949	27

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
POWER PRODUCTION EXPENSES		
OTHER POWER GENERATION EXPENSES		
Miscellaneous Other Power Generation Expenses (549)	972	28
Rents (550)		29
Maintenance Supervision and Engineering (551)		30
Maintenance of Structures (552)		31
Maintenance of Generating and Electric Plant (553)	155,510	32
Maintenance of Miscellaneous Other Power Generating Plant (554)	8,125	33
Total Other Power Generation Expenses	535,809	
OTHER POWER SUPPLY EXPENSES		
Purchased Power (555)	8,776,302	34
System Control and Load Dispatching (556)	4,246	35
Other Expenses (557)		36
Total Other Power Supply Expenses	8,780,548	
Total Power Production Expenses	20,326,020	
TRANSMISSION EXPENSES		
Operation Supervision and Engineering (560)	3,173	37
Load Dispatching (561)		38
Station Expenses (562)	13,990	39
Overhead Line Expenses (563)	10,136	40
Underground Line Expenses (564)		41
Miscellaneous Transmission Expenses (566)	18,466	42
Rents (567)	3,378	43
Maintenance Supervision and Engineering (568)	4,012	44
Maintenance of Structures (569)		45
Maintenance of Station Equipment (570)	6,351	46
Maintenance of Overhead Lines (571)		47
Maintenance of Underground Lines (572)		48
Maintenance of Miscellaneous Transmission Plant (573)		49
Total Transmission Expenses	59,506	
DISTRIBUTION EXPENSES		
Operation Supervision and Engineering (580)	93,249	50

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
DISTRIBUTION EXPENSES		
Load Dispatching (581)		51
Station Expenses (582)	10,482	52
Overhead Line Expenses (583)	152,814	53
Underground Line Expenses (584)	39,508	54
Street Lighting and Signal System Expenses (585)	44,084	55
Meter Expenses (586)	85,951	56
Customer Installations Expenses (587)	5,542	57
Miscellaneous Distribution Expenses (588)	120,672	58
Rents (589)	1,127	59
Maintenance Supervision and Engineering (590)	35,397	60
Maintenance of Structures (591)		61
Maintenance of Station Equipment (592)	23,670	62
Maintenance of Overhead Lines (593)	53,148	63
Maintenance of Underground Lines (594)	13,511	64
Maintenance of Line Transformers (595)	7,619	65
Maintenance of Street Lighting and Signal Systems (596)	22,423	66
Maintenance of Meters (597)	1,524	67
Maintenance of Miscellaneous Distribution Plant (598)		68
Total Distribution Expenses	710,721	
CUSTOMER ACCOUNTS EXPENSES		
Supervision (901)	23,878	69
Meter Reading Expenses (902)	76,362	70
Customer Records and Collection Expenses (903)	167,065	71
Uncollectible Accounts (904)	5,525	72
Miscellaneous Customer Accounts Expenses (905)	5,240	73
Total Customer Accounts Expenses	278,070	
SALES EXPENSES		
Supervision (911)		74
Demonstrating and Selling Expenses (912)	125,283	75
Advertising Expenses (913)	65	76

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
SALES EXPENSES		
Miscellaneous Sales Expenses (916)		77
Total Sales Expenses	125,348	
 ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	823,303	78
Office Supplies and Expenses (921)	180,304	79
Administrative Expenses Transferred -- Credit (922)	147,467	80
Outside Services Employed (923)	122,109	81
Property Insurance (924)	69,204	82
Injuries and Damages (925)	93,331	83
Employee Pensions and Benefits (926)	860,259	84
Regulatory Commission Expenses (928)	10,136	85
Duplicate Charges -- Credit (929)		86
Miscellaneous General Expenses (930)	88,148	87
Rents (931)	14,846	88
Maintenance of General Plant (932)	157,524	89
Total Administrative and General Expenses	2,271,697	
 Total Operation and Maintenance Expenses	 23,771,362	

TAXES (ACCT. 408 - ELECTRIC)

When allocation of taxes is made between departments, explain method used.
--

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		1,456,295	1
Social Security		261,578	2
Wisconsin Gross Receipts Tax		10,435	3
PSC Remainder Assessment		35,083	4
Other (specify): TOWN OF MANITOWOC RAPIDS		2,310	5
Total tax expense		<u>1,765,701</u>	

PROPERTY TAX EQUIVALENT (ELECTRIC)

1. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
2. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
3. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
4. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
5. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
6. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Manitowoc				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.000000				3
County tax rate	mills		0.000000				4
Local tax rate	mills		6.484400				5
School tax rate	mills		8.851800				6
Voc. school tax rate	mills		1.676500				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		17.012700				10
Less: state credit	mills		1.129600				11
Net tax rate	mills		15.883100				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		6.484400				14
Combined School Tax Rate	mills		10.528300				15
Other Tax Rate - Local	mills		0.000000				16
Total Local & School Tax	mills		17.012700				17
Total Tax Rate	mills		17.012700				18
Ratio of Local and School Tax to Total	dec.		1.000000				19
Total tax net of state credit	mills		15.883100				20
Net Local and School Tax Rate	mills		15.883100				21
Utility Plant, Jan. 1	\$	83,635,308	83,635,308				22
Materials & Supplies	\$	2,658,421	2,658,421				23
Subtotal	\$	86,293,729	86,293,729				24
Less: Plant Outside Limits	\$	111,335	111,335				25
Taxable Assets	\$	86,182,394	86,182,394				26
Assessment Ratio	dec.		0.972500				27
Assessed Value	\$	83,812,378	83,812,378				28
Net Local & School Rate	mills		15.883100				29
Tax Equiv. Computed for Current Year	\$	1,331,200	1,331,200				30
Tax Equivalent per 1994 PSC Report	\$	1,456,295					31
Any lower tax equivalent as authorized by municipality (see note 5)	\$						32 33
Tax equiv. for current year (see note 5)	\$	1,456,295					34

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
INTANGIBLE PLANT			
Organization (301)	0		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
Total Intangible Plant	0	0	
STEAM PRODUCTION PLANT			
Land and Land Rights (310)	286,988		4
Structures and Improvements (311)	5,690,367	109,236	5
Boiler Plant Equipment (312)	33,624,417	334,874	6
Engines and Engine Driven Generators (313)	0		7
Turbogenerator Units (314)	5,175,125		8
Accessory Electric Equipment (315)	1,648,262		9
Miscellaneous Power Plant Equipment (316)	294,048		10
Total Steam Production Plant	46,719,207	444,110	
HYDRAULIC PRODUCTION PLANT			
Land and Land Rights (330)	0		11
Structures and Improvements (331)	0		12
Reservoirs, Dams and Waterways (332)	0		13
Water Wheels, Turbines and Generators (333)	0		14
Accessory Electric Equipment (334)	0		15
Miscellaneous Power Plant Equipment (335)	0		16
Roads, Railroads and Bridges (336)	0		17
Total Hydraulic Production Plant	0	0	
OTHER PRODUCTION PLANT			
Land and Land Rights (340)	0	290,255	18
Structures and Improvements (341)	352,901	201,403	19
Fuel Holders, Producers and Accessories (342)	242,485	543,711	20
Prime Movers (343)	4,540,762	4,468,998	21
Generators (344)	653,889	667,286	22
Accessory Electric Equipment (345)	397,376	576,760	23
Miscellaneous Power Plant Equipment (346)	0		24
Total Other Production Plant	6,187,413	6,748,413	
TRANSMISSION PLANT			
Land and Land Rights (350)	132,610		25

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
INTANGIBLE PLANT				
Organization (301)			0	1
Franchises and Consents (302)			0	2
Miscellaneous Intangible Plant (303)			0	3
Total Intangible Plant	0	0	0	
STEAM PRODUCTION PLANT				
Land and Land Rights (310)			286,988	4
Structures and Improvements (311)	80,647		5,718,956	5
Boiler Plant Equipment (312)	268,081		33,691,210	6
Engines and Engine Driven Generators (313)			0	7
Turbogenerator Units (314)	1,977		5,173,148	8
Accessory Electric Equipment (315)			1,648,262	9
Miscellaneous Power Plant Equipment (316)	14,833		279,215	10
Total Steam Production Plant	365,538	0	46,797,779	
HYDRAULIC PRODUCTION PLANT				
Land and Land Rights (330)			0	11
Structures and Improvements (331)			0	12
Reservoirs, Dams and Waterways (332)			0	13
Water Wheels, Turbines and Generators (333)			0	14
Accessory Electric Equipment (334)			0	15
Miscellaneous Power Plant Equipment (335)			0	16
Roads, Railroads and Bridges (336)			0	17
Total Hydraulic Production Plant	0	0	0	
OTHER PRODUCTION PLANT				
Land and Land Rights (340)			290,255	18
Structures and Improvements (341)			554,304	19
Fuel Holders, Producers and Accessories (342)			786,196	20
Prime Movers (343)			9,009,760	21
Generators (344)			1,321,175	22
Accessory Electric Equipment (345)			974,136	23
Miscellaneous Power Plant Equipment (346)			0	24
Total Other Production Plant	0	0	12,935,826	
TRANSMISSION PLANT				
Land and Land Rights (350)			132,610	25

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION PLANT			
Structures and Improvements (352)	0		26
Station Equipment (353)	2,513,462	7,870	27
Towers and Fixtures (354)	0		28
Poles and Fixtures (355)	143,567	4,678	29
Overhead Conductors and Devices (356)	228,912		30
Underground Conduit (357)	0		31
Underground Conductors and Devices (358)	0		32
Roads and Trails (359)	0		33
Total Transmission Plant	3,018,551	12,548	
DISTRIBUTION PLANT			
Land and Land Rights (360)	23,243	107,243	34
Structures and Improvements (361)	0		35
Station Equipment (362)	1,530,952	1,115,005	36
Storage Battery Equipment (363)	0	17,402	37
Poles, Towers and Fixtures (364)	2,394,541	67,698	38
Overhead Conductors and Devices (365)	3,104,242	158,110	39
Underground Conduit (366)	332,520	34,024	40
Underground Conductors and Devices (367)	2,183,006	247,216	41
Line Transformers (368)	3,316,195	271,720	42
Services (369)	1,185,539	75,097	43
Meters (370)	1,250,134	33,554	44
Installations on Customers' Premises (371)	294,451	6,975	45
Leased Property on Customers' Premises (372)	0		46
Street Lighting and Signal Systems (373)	1,747,132	7,023	47
Total Distribution Plant	17,361,955	2,141,067	
GENERAL PLANT			
Land and Land Rights (389)	168,385		48
Structures and Improvements (390)	991,066		49
Office Furniture and Equipment (391)	132,125	28,450	50
Computer Equipment (391.1)	1,579,382	337,161	51
Transportation Equipment (392)	854,946	16,588	52
Stores Equipment (393)	90,787		53
Tools, Shop and Garage Equipment (394)	301,960	18,485	54
Laboratory Equipment (395)	87,032		55
Power Operated Equipment (396)	69,320	79,350	56
Communication Equipment (397)	293,567	27,988	57

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION PLANT				
Structures and Improvements (352)			0	26
Station Equipment (353)	1,784		2,519,548	27
Towers and Fixtures (354)			0	28
Poles and Fixtures (355)			148,245	29
Overhead Conductors and Devices (356)			228,912	30
Underground Conduit (357)			0	31
Underground Conductors and Devices (358)			0	32
Roads and Trails (359)			0	33
Total Transmission Plant	1,784	0	3,029,315	
DISTRIBUTION PLANT				
Land and Land Rights (360)			130,486	34
Structures and Improvements (361)			0	35
Station Equipment (362)	42,553		2,603,404	36
Storage Battery Equipment (363)			17,402	37
Poles, Towers and Fixtures (364)	20,988		2,441,251	38
Overhead Conductors and Devices (365)	50,546		3,211,806	39
Underground Conduit (366)	6,914		359,630	40
Underground Conductors and Devices (367)	41,245		2,388,977	41
Line Transformers (368)	1,418		3,586,497	42
Services (369)	7,982		1,252,654	43
Meters (370)	9,926		1,273,762	44
Installations on Customers' Premises (371)	5,368		296,058	45
Leased Property on Customers' Premises (372)			0	46
Street Lighting and Signal Systems (373)	2,532		1,751,623	47
Total Distribution Plant	189,472	0	19,313,550	
GENERAL PLANT				
Land and Land Rights (389)			168,385	48
Structures and Improvements (390)			991,066	49
Office Furniture and Equipment (391)	34,682		125,893	50
Computer Equipment (391.1)	1,539,756	(36,285)	340,502	51
Transportation Equipment (392)	8,752		862,782	52
Stores Equipment (393)			90,787	53
Tools, Shop and Garage Equipment (394)			320,445	54
Laboratory Equipment (395)			87,032	55
Power Operated Equipment (396)	5,705		142,965	56
Communication Equipment (397)		36,285	357,840	57

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
GENERAL PLANT			
Miscellaneous Equipment (398)	1,942		58
Other Tangible Property (399)	475,225	40,667	59
Total General Plant	5,045,737	548,689	
Total utility plant in service directly assignable	78,332,863	9,894,827	
<u>Common Utility Plant Allocated to Electric Department</u>	0		60
 Total utility plant in service	78,332,863	9,894,827	

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
GENERAL PLANT			
Miscellaneous Equipment (398)			1,942 58
Other Tangible Property (399)			515,892 59
Total General Plant	1,588,895	0	4,005,531
Total utility plant in service directly assignable	2,145,689	0	86,082,001
Common Utility Plant Allocated to Electric Department			0 60
Total utility plant in service	2,145,689	0	86,082,001

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
STEAM PRODUCTION PLANT				
Structures and Improvements (311)	1,866,722	2.08%	118,476	1
Boiler Plant Equipment (312)	10,759,181	3.33%	1,123,931	2
Engines and Engine Driven Generators (313)	0			3
Turbogenerator Units (314)	4,640,531	2.97%	153,701	4
Accessory Electric Equipment (315)	1,022,846	2.63%	43,350	5
Miscellaneous Power Plant Equipment (316)	140,462	3.13%	9,204	6
Total Steam Production Plant	18,429,742		1,448,662	
HYDRAULIC PRODUCTION PLANT				
Structures and Improvements (331)	0			7
Reservoirs, Dams and Waterways (332)	0			8
Water Wheels, Turbines and Generators (333)	0			9
Accessory Electric Equipment (334)	0			10
Miscellaneous Power Plant Equipment (335)	0			11
Roads, Railroads and Bridges (336)	0			12
Total Hydraulic Production Plant	0		0	
OTHER PRODUCTION PLANT				
Structures and Improvements (341)	164,770	3.57%	12,599	13
Fuel Holders, Producers and Accessories (342)	103,898	3.57%	8,656	14
Prime Movers (343)	2,056,054	3.57%	162,645	15
Generators (344)	305,382	3.57%	23,344	16
Accessory Electric Equipment (345)	179,820	3.57%	14,186	17
Miscellaneous Power Plant Equipment (346)	0			18
Total Other Production Plant	2,809,924		221,430	
TRANSMISSION PLANT				
Structures and Improvements (352)	0			19
Station Equipment (353)	1,390,261	2.94%	73,927	20
Towers and Fixtures (354)	0			21
Poles and Fixtures (355)	94,110	3.70%	5,312	22
Overhead Conductors and Devices (356)	79,798	3.33%	7,623	23
Underground Conduit (357)	0			24
Underground Conductors and Devices (358)	0			25

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311	80,647				1,904,551	1
312	268,081	0	3,545		11,618,576	2
313					0	3
314	1,977				4,792,255	4
315					1,066,196	5
316	14,833				134,833	6
	365,538	0	3,545	0	19,516,411	
331					0	7
332					0	8
333					0	9
334					0	10
335					0	11
336					0	12
	0	0	0	0	0	
341					177,369	13
342					112,554	14
343					2,218,699	15
344					328,726	16
345					194,006	17
346					0	18
	0	0	0	0	3,031,354	
352					0	19
353	1,784				1,462,404	20
354					0	21
355					99,422	22
356		0			87,421	23
357					0	24
358					0	25

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
TRANSMISSION PLANT				
Roads and Trails (359)	0			26
Total Transmission Plant	1,564,169		86,862	
DISTRIBUTION PLANT				
Structures and Improvements (361)	0			27
Station Equipment (362)	643,026	4.17%	63,840	28
Storage Battery Equipment (363)	0			29
Poles, Towers and Fixtures (364)	985,562	3.67%	88,271	30
Overhead Conductors and Devices (365)	1,012,246	3.60%	112,117	31
Underground Conduit (366)	123,848	2.00%	6,703	32
Underground Conductors and Devices (367)	430,406	2.97%	65,825	33
Line Transformers (368)	1,185,264	3.00%	103,404	34
Services (369)	521,627	4.63%	55,754	35
Meters (370)	547,467	3.60%	45,650	36
Installations on Customers' Premises (371)	149,465	6.92%	19,842	37
Leased Property on Customers' Premises (372)	0			38
Street Lighting and Signal Systems (373)	531,001	3.91%	68,359	39
Total Distribution Plant	6,129,912		629,765	
GENERAL PLANT				
Structures and Improvements (390)	397,440	2.38%	23,587	40
Office Furniture and Equipment (391)	120,937	5.88%	8,626	41
Computer Equipment (391.1)	1,089,282	14.29%	553,428	42
Transportation Equipment (392)	582,666	15.00%	79,799	43
Stores Equipment (393)	55,768	4.00%	6,083	44
Tools, Shop and Garage Equipment (394)	203,428	6.67%	21,019	45
Laboratory Equipment (395)	66,618	5.56%	5,831	46
Power Operated Equipment (396)	62,810	12.50%	15,537	47
Communication Equipment (397)	110,436	6.67%	63,711	48
Miscellaneous Equipment (398)	882	4.76%	130	49
Other Tangible Property (399)	314,169	3.33%	16,728	50
Total General Plant	3,004,436		794,479	
Total accum. prov. directly assignable	31,938,183		3,181,198	

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
359					0	26
	1,784	0	0	0	1,649,247	
361					0	27
362	42,553	626			663,687	28
363					0	29
364	20,988	16,641	5,932		1,042,136	30
365	50,546	27,870	8,177		1,054,124	31
366	6,914	1,824			121,813	32
367	41,245	8,358	4,917		451,545	33
368	1,418				1,287,250	34
369	7,982	4,793	2	14,000	578,608	35
370	9,926	719	1,972		584,444	36
371	5,368	1,686	2,292		164,545	37
372					0	38
373	2,532	564	1,203		597,467	39
	189,472	63,081	24,495	14,000	6,545,619	
390					421,027	40
391	34,682				94,881	41
391.1	1,539,756		812	(9,000)	94,766	42
392	8,752		1,200	(1,695)	653,218	43
393					61,851	44
394			275		224,722	45
395					72,449	46
396	5,705				72,642	47
397				4,201	178,348	48
398					1,012	49
399					330,897	50
	1,588,895	0	2,287	(6,494)	2,205,813	
	2,145,689	63,081	30,327	7,506	32,948,444	

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
 2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)
Common Utility Plant Allocated to Electric Department	0		51
Total accum. prov. for depreciation	<u><u>31,938,183</u></u>		<u><u>3,181,198</u></u>

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)
					0 51
	2,145,689	63,081	30,327	7,506	32,948,444

TRANSMISSION AND DISTRIBUTION LINES

Classification (a)	Miles of Pole Line Owned		
	Net Additions During Year (b)	Total End of Year (c)	
Primary Distribution System Voltage(s) -- Urban			
2.4/4.16 kV (4kV)			1
7.2/12.5 kV (12kV)			2
14.4/24.9 kV (25kV)			3
Other:			
OVERHEAD PRIMARY 7.62/13.2 (15KV)	0.26	132.36	4
UNDERGROUND PRIMARY 7.62/13.2 (15KV)	2.11	40.85	5
OVERHEAD SECONDARY	0.15	209.23	6
UNDERGROUND SECONDARY	0.47	40.86	7
Primary Distribution System Voltage(s) -- Rural			
2.4/4.16 kV (4kV)			8
7.2/12.5 kV (12kV)			9
14.4/24.9 kV (25kV)			10
Other:			
NONE			11
Transmission System			
34.5 kV			12
69 kV	0.00	9.30	13
115 kV			14
138 kV			15
Other:			
NONE			16

RURAL LINE CUSTOMERS

Rural lines are those serving mainly rural or farm customers. Farm customers are those on a tract of land, 10 or more acres used mainly to produce farm products, or those on any place of 10 acres or less where customer devotes his entire time thereon to agriculture. Rural customers are those billed under distinct rural or farm rates.

Particulars (a)	Amount (b)	
Customers added on rural lines during year:		1
Farm Customers		2
Nonfarm Customers		3
Total	0	4
Customers on rural lines at end of year:		5
Rural Customers (served at rural rates):		6
Farm		7
Nonfarm	55	8
Total	55	9
Customers served at other than rural rates:		10
Farm		11
Nonfarm		12
Total	0	13
Total customers on rural lines at end of year	55	14

MONTHLY PEAK DEMAND AND ENERGY USAGE

1. Report hereunder the information called for pertaining to simultaneous peak demand established monthly and monthly energy usage col. (f) (in thousands of kilowatt-hours).
2. Monthly peak col. (b) (reported as actual number) should be respondent's maximum kw. load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system.
3. Monthly energy usage should be the sum of respondent's net generation for load and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with Total Source of Energy on the Electric Energy Account schedule.
4. If the utility has two or more power systems not physically connected, the information called for below should be furnished for each system.
5. Time reported in column (e) should be in military time (e.g., 6:30 pm would be reported as 18:30).

Monthly Peak						Monthly Energy Usage	
Month (a)		kW (b)	Day of Week (c)	Date (MM/DD/YYYY) (d)	Time Beginning (HH:MM) (e)	(kWh) (000's) (f)	
January	01	90,800	Monday	01/11/1999	17:00	46,711	1
February	02	83,600	Friday	02/05/1999	11:00	42,561	2
March	03	82,100	Wednesday	03/03/1999	10:00	46,683	3
April	04	80,700	Thursday	04/15/1999	11:00	42,731	4
May	05	85,400	Monday	05/17/1999	11:00	43,451	5
June	06	93,400	Tuesday	06/08/1999	13:00	46,027	6
July	07	107,500	Thursday	07/29/1999	13:15	51,461	7
August	08	96,700	Friday	08/27/1999	13:00	51,012	8
September	09	93,500	Friday	09/03/1999	13:00	45,938	9
October	10	82,700	Thursday	10/14/1999	11:00	47,425	10
November	11	83,500	Thursday	11/18/1999	17:00	42,673	11
December	12	88,000	Tuesday	12/21/1999	17:00	47,074	12
Total		1,067,900				553,747	

System Name

State type of monthly peak reading (instantaneous 0, 15, 30, or 60 minutes integrated) and supplier.

Type of Reading Supplier

15 minutes integrated

ELECTRIC ENERGY ACCOUNT

Particulars (a)	kWh (000's) (b)	
Source of Energy		
Generation (excluding Station Use):		
Fossil Steam	248,927	1
Nuclear Steam		2
Hydraulic		3
Internal Combustion Turbine	3,917	4
Internal Combustion Reciprocating	2,324	5
Non-Conventional (wind, photovoltaic, etc.)		6
Total Generation	255,168	7
Purchases	302,768	8
Interchanges:		9
In (gross)		9
Out (gross)		10
Net	0	11
Transmission for/by others (wheeling):		12
Received		12
Delivered		13
Net	0	14
Total Source of Energy	557,936	15
Disposition of Energy		
Sales to Ultimate Consumers (including interdepartmental sales)	537,649	18
Sales For Resale	4,189	19
Energy Used by the Company (excluding station use):		20
Electric Utility	426	21
Common (office, shops, garages, etc. serving 2 or more util. depts.)		22
Total Used by Company	426	23
Total Sold and Used	542,264	24
Energy Losses:		25
Transmission Losses (if applicable)		26
Distribution Losses	15,672	27
Total Energy Losses	15,672	28
Loss Percentage (% Total Energy Losses of Total Source of Energy)	2.8089%	29
Total Disposition of Energy	557,936	30

SALES OF ELECTRICITY BY RATE SCHEDULE

1. Column (e) is the sum of the 12 monthly peak demands for all of the customers in each class.
2. Column (f) is the sum of the 12 monthly customer (or distribution) demands for all of the customers in each class.

Type of Sales/Rate Class Title (a)	Rate Schedule (b)	Avg. No. of Customers (c)	kWh (000 Omitted) (d)	
Residential Sales				
RESIDENTIAL	RG-1	14,801	96,091	1
Total Sales for Residential Sales		14,801	96,091	
Commercial & Industrial				
COMMERCIAL	CG-1	1,574	58,329	2
COMMERCIAL & INDUSTRIAL	CP-1	57	25,850	3
COMMERCIAL & INDUSTRIAL	CP-2	34	41,464	4
COMMERCIAL & INDUSTRIAL	CP-3	34	237,775	5
COMMERCIAL & INDUSTRIAL	CP-4	2	72,378	6
SECURITY LIGHTING	SL-1	351	1,427	7
Total Sales for Commercial & Industrial		2,052	437,223	
Public Street & Highway Lighting				
GENERAL & ORNAMENTAL	MS-1	1	4,335	8
Total Sales for Public Street & Highway Lighting		1	4,335	
Sales for Resale				
ALLIANT	GP-1	1	2,686	9
CARGILL ALLIANT	GP-1	1	260	10
WISCONSIN PUBLIC SERVICE	GP-1	1	1,243	11
Total Sales for Sales for Resale		3	4,189	
TOTAL SALES FOR ELECTRICITY		16,857	541,838	

SALES OF ELECTRICITY BY RATE SCHEDULE (cont.)

Demand kW (e)	Customer or Distribution kW (f)	Tariff Revenues (g)	PCAC Revenues (h)	Total Revenues (g)+(h)	
		6,421,544	211,274	6,632,818	1
0	0	6,421,544	211,274	6,632,818	
		3,619,070	123,139	3,742,209	2
	79,851	1,296,344	51,607	1,347,951	3
115,378	101,211	1,905,363	85,783	1,991,146	4
584,340	517,869	10,436,386	568,660	11,005,046	5
180,150	162,624	2,951,539	97,523	3,049,062	6
		101,546	2,397	103,943	7
879,868	861,555	20,310,248	929,109	21,239,357	
		445,713	6,472	452,185	8
0	0	445,713	6,472	452,185	
		713,670		713,670	9
		59,672		59,672	10
		47,958		47,958	11
0	0	821,300	0	821,300	
879,868	861,555	27,998,805	1,146,855	29,145,660	

PURCHASED POWER STATISTICS

Use separate columns for each point of delivery, where a different wholesale supplier contract applies.

Particulars (a)	(b)		(c)		
Name of Vendor	ALLIANT		Wisc. Pub. Service		1
Point of Delivery	Interconnect-WPS		SHOTO/MRAP/CUST		2
Type of Power Purchased (firm, dump, etc.)	NON FIRM		Gen. Purp.-Scheduled		3
Voltage at Which Delivered	69kV		69kV		4
Point of Metering	Shoto/Man Rap/Custer		Shoto/Man Rap/Custer		5
Total of 12 Monthly Maximum Demands -- kW	10,000		15,000		6
Average load factor	0.1370%		76.5388%		7
Total Cost of Purchased Power	212		147,090		8
Average cost per kWh	0.0212		0.0176		9
On-Peak Hours (if applicable)					10
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	11
January	0		373		12
February	0		218		13
March	0		766		14
April	0		573		15
May	0		32		16
June	0		183		17
July	0		615		18
August	0		860		19
September	0		1,211		20
October	0		1,473		21
November	10		1,213		22
December	0		864		23
Total kWh (000)	10	0	8,381	0	24

					(d)	(e)	
Name of Vendor	Wisc. Pub. Service		Wisc. Pub. Service				28
Point of Delivery	SHOTO/MRAP/CUST		SHOTO/MRAP/CUST				29
Voltage at Which Delivered	Gen. Purp.-Variable		Neg. Capacity-1				30
Point of Metering	69kV		69kV				31
Type of Power Purchased (firm, dump, etc.)	Shoto/Man Rap/Custer		Shoto/Man Rap/Custer				32
Total of 12 Monthly Maximum Demands -- kW	30000		180000				33
Average load factor	63.0320%		99.4437%				34
Total Cost of Purchased Power	290,703		3,918,775				35
Average cost per kWh	0.0211		0.0300				36
On-Peak Hours (if applicable)							37
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak			38
January	750		11,160				39
February	490		10,080				40
March	1,083		11,160				41
April	837		10,785				42
May	492		11,160				43
June	645		10,800				44
July	804		10,504				45
August	2,438		11,160				46
September	1,001		10,800				47
October	2,238		11,175				48
November	1,732		10,800				49
December	1,294		11,085				50
Total kWh (000)	13,804	0	130,669	0			51

PURCHASED POWER STATISTICS

Use separate columns for each point of delivery, where a different wholesale supplier contract applies.

Particulars (a)	(b)		(c)		
Name of Vendor	Wisc. Pub. Service		WISC ELECTRIC		1
Point of Delivery	SHOTO/MRAP/CUST		INTERCONNECT-WPS		2
Type of Power Purchased (firm, dump, etc.)	W-2 - Part Reg		NON-FIRM		3
Voltage at Which Delivered	69kV		69kV		4
Point of Metering	Shoto/Man Rap/Custer		Shoto/Man Rap/Custer		5
Total of 12 Monthly Maximum Demands -- kW	155,000		10,000		6
Average load factor	97.2682%		1.0137%		7
Total Cost of Purchased Power	2,713,045		2,532		8
Average cost per kWh	0.0247		0.0342		9
On-Peak Hours (if applicable)					10
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	11
January	3,396	6,087	0		12
February	3,439	4,920	0		13
March	3,917	5,611	0		14
April	3,578	5,551	0		15
May	3,373	5,797	0		16
June	3,534	5,120	0		17
July	3,134	5,838	0		18
August	3,617	5,922	23		19
September	3,380	5,785	0		20
October	3,690	6,148	0		21
November	3,422	5,778	5		22
December	3,425	5,597	46		23
Total kWh (000)	41,905	68,154	74	0	24
(d) (e)					
Name of Vendor	WISC. PUB. SERVICE				28
Point of Delivery	SHOTO/MRAP/CUST				29
Voltage at Which Delivered	NEG. CAPACITY-2				30
Point of Metering	69kV				31
Type of Power Purchased (firm, dump, etc.)	Shoto/Man Rap/Custer				32
Total of 12 Monthly Maximum Demands -- kW	60000				33
Average load factor	90.8014%				34
Total Cost of Purchased Power	1,703,945				35
Average cost per kWh	0.0428				36
On-Peak Hours (if applicable)					37
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	38
January	3,180				39
February	3,200				40
March	3,680				41
April	3,360				42
May	3,200				43
June	3,520				44
July	2,997				45
August	3,520				46
September	3,198				47
October	3,360				48
November	3,200				49
December	3,356				50
Total kWh (000)	39,771	0			51

PRODUCTION STATISTICS TOTALS

Particulars (a)	Total (b)	
Name of Plant		1
Unit Identification		2
Type of Generation		3
kWh Net Generation (000)	255,168	4
Is Generation Metered or Estimated?		5
Is Exciter & Station Use Metered or Estimated?		6
60-Minute Maximum Demand--kW (est. if not meas.)	107	7
Date and Hour of Such Maximum Demand	7/29/1999 13	8
Load Factor	272.2315	9
Maximum Net Generation in Any One Day	1,902	10
Date of Such Maximum	7/30/1999	11
Number of Hours Generators Operated	689	12
Maximum Continuous or Dependable Capacity--kW	115	13
Is Plant Owned or Leased?		14
Total Production Expenses	10,153,589	15
Cost per kWh of Net Generation (\$)	40	16
Monthly Net Generation --- kWh (000):		
January	21,765	17
February	20,214	18
March	20,466	19
April	18,047	20
May	20,024	21
June	23,488	22
July	29,681	23
August	23,577	24
September	20,639	25
October	19,341	26
November	16,513	27
December	21,413	28
Total kWh (000)	255,168	29
Gas Consumed--Therms	614,135	30
Average Cost per Therm Burned (\$)	614,135.0000	31
Fuel Oil Consumed Barrels (42 gal.)	4,008	32
Average Cost per Barrel of Oil Burned (\$)	21.6200	33
Specific Gravity	34	34
Average BTU per Gallon	141,200	35
Lubricating Oil Consumed--Gallons	0	36
Average Cost per Gallon (\$)		37
kWh Net Generation per Gallon of Fuel Oil	34	38
kWh Net Generation per Gallon of Lubr. Oil		39
Does plant produce steam for heating or other purposes in addition to elec. generation?		40
Coal consumed--tons (2,000 lbs.)	163,852	42
Average Cost per Ton (\$)	40.0200	43
Kind of Coal Used	Bitum Coal	44
Average BTU per Pound	11,080	45
Water Evaporated--Thousands of Pounds	2,539,803	46
Is Water Evaporated, Metered or Estimated?		47
Lbs. of Steam per Lb. of Coal or Equivalent Fuel	9	48
Lbs. of Coal or Equiv. Fuel per kWh Net Gen.		49
Based on Total Coal Used at Plant	1	50
Based on Coal Used Solely in Electric Generation	1	51
Average BTU per kWh Net Generation		52
Total Cost of Fuel (Oil and/or Coal)		53
per kWh Net Generation (\$)	0.0248	54

PRODUCTION STATISTICS

Particulars (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
Name of Plant	Custer Str	Manitowoc	Manitowoc		1
Unit Identification	MPU3	MPU2	MPU1		2
Type of Generation	TURBINE	RECIP	STEAM		3
kWh Net Generation (000)	3,613	2,140	249,415		4
Is Generation Metered or Estimated?	M	M	M		5
Is Exciter & Station Use Metered or Estimated?	E	E	E		6
60-Minute Maximum Demand--kW (est. if not meas.)			107		7
Date and Hour of Such Maximum Demand			7/29/1999 13		8
Load Factor			266.0938		9
Maximum Net Generation in Any One Day	256	155	1,491		10
Date of Such Maximum	07/30/1999	07/30/1999	07/30/1999		11
Number of Hours Generators Operated	214	475	0		12
Maximum Continuous or Dependable Capacity--kW	25	11	79		13
Is Plant Owned or Leased?	O	O	O		14
Total Production Expenses	336,387	199,422	9,617,780		15
Cost per kWh of Net Generation (\$)	93.1046	93.1879	38.5614		16
Monthly Net Generation --- kWh (000):					
January	0	264	21,501		17
February	0	54	20,160		18
March	0	37	20,429		19
April	0	0	18,047		20
May	0	0	20,024		21
June	1,076	57	22,355		22
July	2,015	818	26,848		23
August	120	195	23,262		24
September	105	0	20,534		25
October	108	520	18,713		26
November	5	66	16,442		27
December	184	129	21,100		28
Total kWh (000)	3,613	2,140	249,415		29
Gas Consumed--Therms	511,804	78,672	23,659		30
Average Cost per Therm Burned (\$)	0.4200	0.6200	0.7100		31
Fuel Oil Consumed Barrels (42 gal.)	2,438	1,570			32
Average Cost per Barrel of Oil Burned (\$)	20.8800	22.7700			33
Specific Gravity	34	34			34
Average BTU per Gallon	141,200	141,200			35
Lubricating Oil Consumed--Gallons					36
Average Cost per Gallon (\$)					37
kWh Net Generation per Gallon of Fuel Oil	35	32			38
kWh Net Generation per Gallon of Lubr. Oil					39
Does plant produce steam for heating or other purposes in addition to elec. generation?	N	N	Y		40
Coal consumed--tons (2,000 lbs.)			163,852		42
Average Cost per Ton (\$)			40.0200		43
Kind of Coal Used			Bitum Coal		44
Average BTU per Pound			11,080		45
Water Evaporated--Thousands of Pounds			2,539,803		46
Is Water Evaporated, Metered or Estimated?			M		47
Lbs. of Steam per Lb. of Coal or Equivalent Fuel			9.4000		48
Lbs. of Coal or Equiv. Fuel per kWh Net Gen.					49
Based on Total Coal Used at Plant			1		50
Based on Coal Used Solely in Electric Generation			1		51
Average BTU per kWh Net Generation					52
Total Cost of Fuel (Oil and/or Coal)					53
per kWh Net Generation (\$)	0.0732	0.0396	0.0263		54

STEAM PRODUCTION PLANTS

1. Report each boiler and each generating unit separately. Indicate any other than 60 hertz.
2. In columns (c) and (i), report year equipment was first placed in service, regardless of subsequent change in ownership.

Boilers

Name of Plant (a)	Unit No. (b)	Year Installed (c)	Rated Steam Pressure (lbs.) (d)	Rated Steam Temp. F. (e)	Type (f)	Fuel Type and Firing Method (g)	Rated Maxi- mum Steam Pressure (1000 lbs./hr.) (h)	
Manitowoc	4	1948	450	750	Water Tube	Stoker	80	1
Manitowoc	5	1952	450	750	Water Tube	Stoker	150	2
Manitowoc	6	1956	865	900	Water Tube	Stoker	175	3
Manitowoc	7	1964	865	900	Water Tube	Stoker	175	4
Manitowoc	8	1991	1100	905	Water Tube	Sweep Air	200	5
Manitowoc	3	1937	400	600	Water Tube	Stoker	60	6
Total							840	

INTERNAL COMBUSTION GENERATION PLANTS

1. Report each boiler and each generating unit separately. Indicate any other than 60 hertz.
2. In column (c) and (h), report year equipment was first placed in service, regardless of subsequent change in ownership.

Prime Movers

Name of Plant (a)	Unit No. (b)	Year Installed (c)	Type (Recip. or Turbine) (d)	Manufacturer (e)	RPM (f)	Rated HP Each Unit (g)	
Custer Str	3	1999	Turbine	General Electric	5,105	32,507	1
Manitowoc	2	1985	Reciproc	Transamerica DeLavel	450	7,313	2
Manitowoc	1	1985	Reciproc	Transamerica DeLavel	450	7,313	3
Total						47,133	

STEAM PRODUCTION PLANTS (cont.)

3. Under column (j), report tandem-compound (TC); cross-compound (CC); single casing (SC); topping unit (T); noncondensing (NC); and reciprocating (R). Show back pressure.
 4. In column (q), report actual load in kW which the plant will carry over an indefinite period as determined by experience or accredited capability tests.

Turbine-Generators										
Year Installed (i)	Type (j)	RPM (k)	Voltage (kV) (l)	kWh Generated		Rated Unit Capacity		Total Rated Plant Capacity (kW) (p)	Total Maximum Continuous Capacity (kW) (q)	
				by Each Unit During Yr. (000's) (m)		kW (n)	kVA (o)			
1941	SC	3600	4160	4350	10000	12500	10000	10000	10000	1
1950	SC	3600	13800	49513	10000	12500	10000	10000	10000	2
1956	SC	3600	13800	96437	22000	27058	22000	22000	22000	3
1964	SC	3600	13800	120155	32000	35556	32000	32000	32000	4
										5
1935	SC	3600	4160	2213	5000	6250	5000	5000	5000	6
Total				272668	79000	93864	79000	79000	79000	

INTERNAL COMBUSTION GENERATION PLANTS (cont.)

3. In column (n), report actual load in kW which the plant will carry over an indefinite period as determined by experience or accredited capability tests.

Generators								
Year Installed (h)	Voltage (kV) (i)	kWh Generated		Rated Unit Capacity		Total Rated Plant Capacity (kW) (m)	Total Maximum Continuous Plant Capacity (kW) (n)	
		by Each Unit Generator During Yr. (000's) (j)		kW (k)	kVA (l)			
1999	13,800	3,917	24,250	29,600	24,250	24,250	24,250	1
1985	13,800	1,240	5,250	6,563	5,250	5,250	5,250	2
1985	13,800	1,084	5,250	6,563	5,250	5,250	5,250	3
Total		6,241	34,750	42,726	34,750	34,750	34,750	

HYDRAULIC GENERATING PLANTS

1. In column (d), indicate type of unit--horizontal, vertical, bulb, etc.
2. In column (j), report operating head as indicated by manufacturer's rating of wheel horsepower.

Name of Plant (a)	Name of Stream (b)	Control (Attended, Automatic or Remote) (c)	Type (d)	Prime Movers			
				Unit No. (e)	Year Installed (f)	RPM (g)	Rated HP Each Unit (h)

NONE

HYDRAULIC GENERATING PLANTS (cont.)

3. Capacity shown in column (q) should be based on the equipment installed and determined independently by stream flow; i.e., on the assumption of adequate stream flow.

Generators							Total Rated Plant Capacity (kW) (p)	Total Maximum Continuous Plant Capacity (kW) (q)
Rated Operating Head (i)	Operating Head (j)	Year Installed (k)	Voltage (kV) (l)	kWh Generated by Each Unit During Year (000's) (m)	Rated Unit Capacity			
					kW (n)	kVA (o)		

SUBSTATION EQUIPMENT

Report separately each substation used wholly or in part for transmission, each distribution substation over 1,000 kVA capacity and each substation that serves customers with energy for resale.

Particulars (a)	Utility Designation					(f)
	(b)	(c)	(d)	(e)	(f)	
Name of Substation	LAKEFNT	NE	REV BK3	A-EAST	A-WEST	1
Voltage--High Side	69	69	69	13,200	13,200	2
Voltage--Low Side	13	13	13	4,160	4,160	3
Num. Main Transformers in Operation	3	1	1	1	1	4
Capacity of Transformers in kVA	93,000	22,400	22,400	3,000	3,000	5
Number of Spare Transformers on Hand	0	0	0	0	0	6
15-Minute Maximum Demand in kW		17,000	21,000	1,407	754	7
Dt and Hr of Such Maximum Demand		07/28/1999 13:00	07/29/1999 13:00	01/01/1999	01/01/1999	8
Kwh Output						9

SUBSTATION EQUIPMENT (continued)

Particulars (g)	Utility Designation					(l)
	(h)	(i)	(j)	(k)	(l)	
Name of Substation	CUSTER ST	MIRRO	MIRRO BK2	MIRRO BK3	REV BK 4	16
Voltage--High Side	69	69	69	69	69	17
Voltage--Low Side	13	4,160	4,160	4,160	13	18
Num. of Main Transformers in Operation	1	3	1	1	1	19
Capacity of Transformers in kVA	22,400	9,999	3,000	5,000	22,400	20
Number of Spare Transformers on Hand	0	1	0	0	0	21
15-Minute Maximum Demand in kW	12,000	8,200	0	2,400	21,500	22
Dt and Hr of Such Maximum Demand		06/23/1999 08:00		06/26/1999 06:00	07/29/1999 13:00	23
Kwh Output						24

SUBSTATION EQUIPMENT (continued)

Particulars (m)	Utility Designation					(r)
	(n)	(o)	(p)	(q)	(r)	
Name of Substation						31
Voltage--High Side						32
Voltage--Low Side						33
Num. of Main Transformers in Operation						34
Capacity of Transformers in kVA						35
Number of Spare Transformers on Hand						36
15-Minute Maximum Demand in kW						37
Dt and Hr of Such Maximum Demand						38
Kwh Output						39

ELECTRIC DISTRIBUTION METERS & LINE TRANSFORMERS

Particulars (a)	Number of Watt-Hour Meters (b)	Line Transformers		
		Number (c)	Total Cap. (kVA) (d)	
Number first of year	17,474	2,470	210,844	1
Acquired during year	219	49	19,590	2
Total	17,693	2,519	230,434	3
Retired during year	170	1	167	4
Sales, transfers or adjustments increase (decrease)	(81)		(99)	5
Number end of year	17,442	2,518	230,168	6
Number end of year accounted for as follows:				7
In customers' use	16,527	2,172	186,491	8
In utility's use				9
Inactive transformers on system				10
Locked meters on customers' premises				11
In stock	915	346	43,677	12
Total end of year	17,442	2,518	230,168	13

STREET LIGHTING EQUIPMENT

1. Under column (a) use the following types: Sodium Vapor, Mercury Vapor, Incandescent, Fluorescent, Metal Halide/Halogen, Other.
2. Indicate size in watts, column(b).
3. If breakdown of kWh column (d) is not available, please allocate based on utility's best estimate.

Particulars (a)	Watts (b)	Number Each Type (c)	kWh Used Annually (d)	
Street Lighting Non-Ornamental				
Mercury Vapor	175	1	830	1
Mercury Vapor	400	1	1,796	2
Sodium Vapor	100	1,607	807,808	3
Sodium Vapor	200	698	1,141,819	4
Sodium Vapor	250	1,303	1,621,126	5
Total		3,610	3,573,379	
Ornamental				
Mercury Vapor	175	2	1,820	6
Sodium Vapor	70	164	35,901	7
Sodium Vapor	100	240	116,009	8
Sodium Vapor	200	24	68,427	9
Sodium Vapor	250	180	225,360	10
Total		610	447,517	
Other				
Other	25	1	314,696	11
Total		1	314,696	

ELECTRIC OPERATING SECTION FOOTNOTES

Other Operating Revenues (Electric) (Page E-02)

Other Electric Revenues (456) Amount is less Steam Expenses -
Accounts 695-698 and Accounts 802-812 = \$14,902.01

Electric Operation & Maintenance Expenses (Page E-03)

Accounts 695-698 - Steam Distribution and
Accounts 802-812 - District Heating Expense
are net against the steam and hot waters sales
revenues in Account 456. Revenues are net of
these expenses.

- Account 500 - Increase in payroll.
 - Account 510 - Increase in payroll.
 - Account 511 - Increase in payroll and repairs.
 - Account 512 - Increase in repairs to boilers 5,6,7
and 400# feedwater system and ash handling equipment.
 - Account 513 - Increase because of #6 turbine overhaul.
 - Account 547 - Increase use of diesel engines because
of new combustion turbine.
 - Account 553 - Decrease because of major repairs
done to diesel unit in 1998.
 - Account 555 - Increase in cost for purchased power.
 - Account 566 - Decrease because of major upgrade
done in 1998.
 - Account 588 - Decrease in electric distribution
other expenses.
 - Account 593 - Decrease in payroll.
 - Account 698 - Decrease because of repair to steam
line in 1998.
 - Account 901 - Increase in payroll.
 - Account 904 - Decrease because of new customer service
information system and some uncollectible accounts were not
processed in 1999.
 - Account 920 - Increase in payroll due to additional
employee, Y2K, new computer systems.
 - Account 921 - Increase in office supplies and building services.
 - Account 923 - Increase use of outside services.
 - Account 924 - Increase in insurance cost.
 - Account 925 - Increase in insurance cost.
 - Account 930 - Increase from goodwill expenses, dues and payroll.
 - Account 931 - Decrease in EDP software fees.
-

ELECTRIC OPERATING SECTION FOOTNOTES

Electric Utility Plant in Service (Page E-06)

ACCOUNT 311 - Column C = \$109,236.84
 = \$1,000.00 - Install Wall A/C unit in electricians office
 = \$6,209.53 - Heat Exchanger: Air to Air
 = \$102,027.31 - Cleanup & Restoration of Manitowoc River dock Property

ACCOUNT 312 - Column C = \$334,873.55
 = \$5,383.91 - Labor and Misc Material to Install Marker Lights for Smoke Stack
 = \$3,955.00 - Equipment Freeze Conditioning Equipment
 = \$155,183.05 - Boiler #7 Feeders
 = \$18,231.00 - Rebuilt Electric Motor
 = \$57,600.00 - 6 - Coal Hoppers
 = \$19,269.63 - Parts for Transfer Point
 = \$17,060.00 - Computer with Software
 = \$10,358.33 - DAS System Computer
 = \$5,000.00 - Y2K Software Upgrade
 = \$25,370.41 - Ash Reinjection for Boiler #8
 = \$11,773.00 - Install a Maritime Engineering Transfer Point
 = \$5,689.22 - Airlock/Feeder

ACCOUNT 312 - Column E = \$268,080.50
 = \$71,033.65 - Boiler #7 Feeders
 = \$5,000.00 - Retire Feedpump Motor
 = \$28,528.00 - Retire DAS System
 = \$25,000.00 - Retire CEMS Equipment
 = \$138,518.85 - Property Retired - Various items

ACCOUNT 340 - Column C = \$290,255.24
 = \$290,255.24 - Combustion Turbine Project

ACCOUNT 341 - Column C = \$201,403.00
 = \$201,403.00 - Combustion Turbine Project

ACCOUNT 342 - Column C = \$543,711.94
 = \$543,711.94 - Combustion Turbine Project

ACCOUNT 343 Column C = \$4,468,998.54
 = \$6,107.62 - Engine Analyzer
 = \$14,317.87 - Ceco Fuel Gas Modulator
 = \$4,448,573.05 - Combustion Turbine Project

ACCOUNT 344 Column C = \$667,285.95
 = \$667,285.95 - Combustion Turbine Project

ACCOUNT 345 Column C = \$576,759.98
 = \$444,857.32 - Combustion Turbine Project
 = \$131,902.66 - Add 52-L 15kV Breaker to Custer Sub

ACCOUNT 360 - Column C = \$107,242.82
 = \$565.00 - Easements
 = \$26,885.00 - Dewey Sub Property Purchase
 = \$79,792.82 - Custer St. Sub Construction

ELECTRIC OPERATING SECTION FOOTNOTES

ACCOUNT 365, 367, 368, - Column C & E = Have Additions & Retirements During Year

ACCOUNT 3911 - Column C & E = Have Additons & Retirements During Year

ACCOUNT 3911 - Column F = \$36,284.81 Transfer to Account 3971

ACCOUNT 3971 - Column F = \$36,284.81 Transfer from Account 3911

Accumulated Provision for Depreciation - Electric (Page E-08)

ACCOUNT 391.1 - COLUMN I = \$9000.14 Transfer to 3971

ACCOUNT 397.1 - COLUMN I = \$9000.14 Transfer from 391.1
= \$(4,799) Depreciation transfer adjustment.

ACCOUNT 392 - COLUMN I = (\$1,695) To Correct overdepreciation of pole trailer.

ACCOUNT 369 - COLUMN I = \$14,000 = Additional depreciation per 1989 Depreciation Study

Purchased Power Statistics (Page E-16)

To complete the form we needed to put a number in Total of 12 Monthly Maximum Demands--kW which put a % in Average load factor.
THESE TWO NUMBERS ARE NOT CORRECT.

Production Statistics Totals (Page E-17)

Line 12 - See Footnote from Page E-18 Line 12
Total hours of all generators is 26,806

Production Statistics (Page E-18)

Line 12 - Number of Hours Generators Operated MPU1 is 26,117 for generators 2-6. System would not allow us to enter a number higher than 8760.

Electric Distribution Meters & Line Transformers (Page E-24)

Adjustment of meters were made to reconcile year end balance due to system conversion issues.
